PRODUCTS THAT BRING LIFE TO STRUCTURES

EPOXY / POLYURETHANE / ACRYLIC / HYBRID CONSTRUCTION CHEMICALS

BRV Epoksi Poliüretan Boya A.Ş.

By utilizing modern system technologies in its production facilities and offering a product range certified in accordance with European Union and Turkish Standards quality criteria, it creates definitive, solution-oriented, eco-friendly, economical, high-quality, aesthetically pleasing, and reliable living spaces that make a difference in the construction industry.

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WATERPROOFING & SURFACE PROTECTION PRODUCTS

POLIMERO AQUA BLOCKER PU-MS-1K®
WATER-BASED FLEXIBLE WATERPROOF COATING

PRODUCT DESCRIPTION

Ready-to-use elastic special polymer insulation material with specific chemical and physical properties, fast-drying reaction, crack-bridging ability on the applied surface, flexible, glossy, high physical strength, and UV resistant.

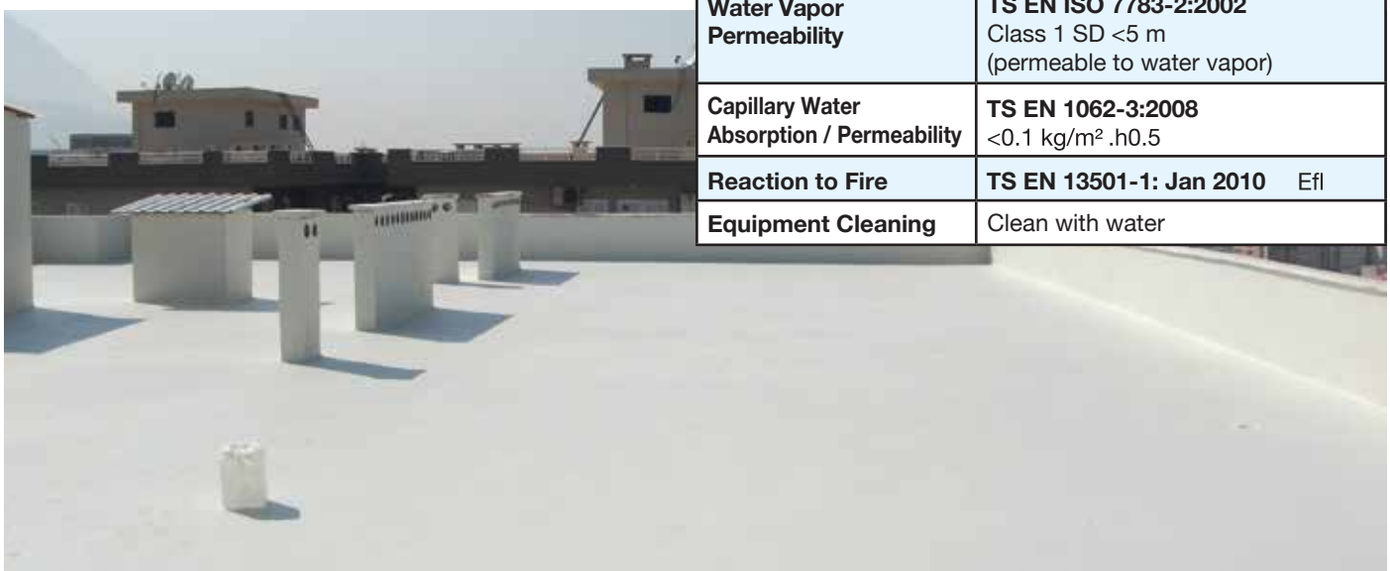
APPLICATION AREAS

- Concrete terraces and roofs of buildings
- Floors, terraces, and roofs in wet areas or where water pooling occurs
- Foundation and retaining walls
- Interior and exterior walls of buildings for waterproofing purposes
- Garden concrete and stone surfaces
- All types of surfaces including concrete, plaster, wood, and metal
- Concrete irrigation channels

ADVANTAGES

- Ready-to-use
- Single-component
- Excellent waterproofing performance
- Practical and easy to apply
- Water-based and environmentally friendly
- Heat-resistant
- High elasticity
- High strength
- High UV resistance

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 8 (IR) Increasing Resistance by Limiting Moisture Content: 8.2 Coating Application ©
Color	Standard White, Gray, Transparent. Available in custom RAL colors
Appearance	Glossy
Thinner	Can be diluted with water
Application Methods	Brush, Roller, Airless Spray
Solid content by weight (%)	60 (White, Gray, RAL colors), 40 (Transparent)
Density	1.03 g/cm³ (Transparent), 1.40 g/cm³ (White and gray shades), 1.20–1.40 g/cm³ (varies by RAL color
Consumption	Transparent: 1st coat 0.200 kg/m², 2nd coat 0.200 kg/m², Total 0.400 kg/m². White & Gray Shades: 1st coat 0.400 kg/m², 2nd coat 0.400 kg/m², Total 0.800 kg/m²
Packaging	5kg – 20 kg Plastic Buckets
Shelf Life	1 year
Dust Drying Time	1–2 hours / 25°C
Touch Drying Time	3–4 hours / 25°C
Adhesion Strength by Pull-Off	**TS EN 1542:2001** >1 N/mm² (Elastic System / dead load)
Water Vapor Permeability	**TS EN ISO 7783-2:2002** Class 1 SD <5 m (permeable to water vapor)
Capillary Water Absorption / Permeability	**TS EN 1062-3:2008** <0.1 kg/m² .h0.5
Reaction to Fire	**TS EN 13501-1: Jan 2010** Efl
Equipment Cleaning	Clean with water



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POWERMIX PW

Water-Based Acrylic Mortar Waterproofing Coating

PRODUCT DESCRIPTION

Ready-to-use, high-strength, mineral-filled, fluid-consistency, water-based, semi-flexible acrylic mortar and waterproofing coating with specific chemical and physical properties, featuring crack-bridging capability on applied surfaces and high UV resistance.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 2 (MC): Moisture Control: 2.2 Coating Application ©
Color	Standard White, Gray
Appearance	Matte
Thinner	Can be diluted with water
Solid content by weight (%)	75
Density	1,50 gr/cm³
Consumption	0,800 – 1,000 kg / m²
Packaging	5 kg - 20 kg Plastic Buckets
Application Methods	Brush, Roller, Airless Spray
Shelf Life	1 year
Dust Drying Time	1-2 hours / 25 °C
Touch Drying Time	3-4 hours / 25 °C
Equipment Cleaning	Clean with water

APPLICATION AREAS

Used on building terraces and roofs, on wet areas and flat terraces and roofs where water ponding occurs, on concrete, plaster, wood, OSB, MDF, aerated concrete, fiberboard, and other mineral surfaces, in foundation and retaining wall concrete, as under-tile waterproofing, on interior and exterior building facades, on previously problematic waterproofed surfaces, and on garden concrete and stone surfaces.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POWERSTRONG TEXTURE

Water-Based Textured Elastic Exterior Wall Waterproofing Coating & Paint

PRODUCT DESCRIPTION

Ready-to-use exterior insulation coating and paint with specific chemical and physical properties, resistant to adverse weather conditions and UV radiation, forming a 1.5 mm crack-bridging layer on the applied surface, waterproof and washable, containing special silicone, featuring an orange-peel appearance, and made of specially synthesized 100% pure acrylic elastic textured material. Public **Works Approval No.: 04.553/05**

APPLICATION AREAS

Used as a decorative, waterproof exterior coating and paint on the exterior surfaces of buildings, including concrete, plaster, block brick, aerated concrete, OSB, MDF, and all types of mineral building elements.

SURFACE PREPARATION

The application surface must be cleaned of oil, dirt, rust, dust, and any other residues. Ensure that the substrate is sound and durable, and that newly plastered surfaces have fully cured. For high-absorption surfaces or applications in hot weather, applying Poly Primer water-based primer on walls and floors will positively affect the product's performance. Since consumption may vary depending on the type of texture, film thickness, surface irregularities, porosity, ambient temperature, and application losses, a trial application on-site is recommended to determine the exact amount of product needed.

PRODUCT FEATURES	
Type	TS EN 1062-1
Color	Standard White - Can be produced in special RAL colors upon request
Appearance	Matte
Thinner	Can be diluted with water
Density	1,30 gr/cm³
Water Vapor Permeability	Class 1 SD <5 m (permeable to water vapor) TS EN ISO 7783-2:2002
Capillary Water Absorption / Permeability	TS EN 1062-3:2008 <0.1 kg/m².h0.5
Adhesion Strength by Pull-Off	TS EN 1542:2001 >1 N/mm² (Elastic System / deadload)
Consumption	0.500–0.800 kg/m²
Packaging	5kg – 20 kg Plastic Buckets
Application Methods	Brush, Roller, Airless Spray
Shelf Life	1 year
Drying Time	12 hours / 25°C
Equipment Cleaning	Clean with water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POWERSTRONG GRANULAR®

Water-Based Textured Flexible Textured Exterior Insulation Coating & Paint

PRODUCT DESCRIPTION

Ready-to-use, flexible, mineral-filled, textured granular exterior coating and insulation paint with specific chemical and physical properties, resistant to adverse weather conditions and UV radiation, waterproof and washable, containing special silicone.
Public Works Approval No.: 04.553/05

PRODUCT FEATURES	
Type	TS EN 1062-1
Color	Standard White - Can be produced in special RAL colors upon request
Appearance	Matte
Thinner	Can be diluted with water
Density	1.57 g/cm³
Water Vapor Permeability	Class 1 SD <5 m (permeable to water vapor) TS EN ISO 7783-2:2002
Capillary Water Absorption / Permeability	TS EN 1062-3:2008 <0.1 kg/m².h0.5
Adhesion Strength by Pull-Off	TS EN 1542:2001 >1 N/mm² (Elastic System / deadload)
Consumption	0.600–1.000 kg/m²
Packaging	5kg – 20 kg Plastic Buckets
Application Methods	Brush, Roller, Airless Spray
Shelf Life	1 year
Drying Time	12 hours / 25°C
Equipment Cleaning	Clean with water

APPLICATION AREAS

Used as a decorative, waterproof exterior coating and paint on the exterior surfaces of buildings, including concrete, plaster, block brick, aerated concrete, OSB, MDF, and all types of mineral building elements.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POWERSILK TOPCOAT

Water-Based Semi-Gloss Exterior Wall Waterproofing Coating & Paint

PRODUCT DESCRIPTION

Waterproof, ready-to-use exterior insulation coating paint with specific chemical and physical properties, containing special silicone, dirt-repellent nano-particles, and specially synthesized 100% pure acrylic, semi-gloss finish, high UV resistance, long-lasting, elastic, and capable of bridging 0.4 mm cracks on applied surfaces. **Public Works Approval No.: 04.553/04**

APPLICATION AREAS

Used as an insulation coating paint applicable on exterior surfaces of buildings, including old or new concrete, plaster, block brick, aerated concrete, fiberboard, OSB, MDF, and various types of mineral surfaces.

PRODUCT FEATURES	
Type	TS EN 1062-1
Color	Standard White. Can be produced in special RAL colors upon request
Appearance	Matte
Thinner	Can be diluted with water
Density	1.30 g/cm³
Consumption	0.300–0.500 kg/m², depending on surface condition
Packaging	5kg – 20 kg Plastic Buckets
Application Methods	Brush, Roller, Air Spray, Airless Spray
Shelf Life	1 year
Drying Time	12 hours / 25°C
Equipment Cleaning	Clean with water

POLY PRIMER

Water-Based Adhesion Promoter Floor and Wall Waterproofing Primer

PRODUCT DESCRIPTION

Ready-to-use, fast-drying, high-strength, water-based acrylic (VEOVA) copolymer adhesion-promoting primer for floors and walls.

PRODUCT FEATURES	
Type	TS 7847
Color	Transpare
Density	1,03 gr/cm³
Dust Drying Time	1-2 saat /25 °C
Touch Drying Time	3-4 saat/25 °C
Minimum Application Temperature	+ 5 °C
Dry Heat Resistance	-25 °C/ +180 °C
Water Vapor Permeability	TS EN ISO 7783-2:2002 Class 1 Sd < 5 m (Class 1 = 1.230 Suitable)
Packaging	4–17 kg Plastic Buckets
Shelf Life	12 months
Application Methods	Brush, Roller, Airless Spray
Application Surface Temperature	+5 °C +30 °C
Recoat Time	2 hours / 25 °C
Equipment Cleaning	Clean with water

APPLICATION AREAS

- Terraces and roofs with screed applied
- Wet areas, terraces, and roofs where water accumulation occurs
- Foundation retaining walls
- Adhesion-promoting primer applied before the topcoat on interior and exterior building surfaces with adhesion problems.
- Adhesion promoter before screed application on old concrete floors
- Factory and warehouse floors
- Old surfaces with poor strength
- Garden concretes and stone surfaces as a protective layer
- Concrete and asphalt-based sports grounds

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POWER THERMAL PAINT
ENERGY-SAVING EXTERIOR THERMAL INSULATION COATING PAINT

PRODUCT DESCRIPTION
Water-based, elastic exterior thermal insulation coating paint with low thermal conductivity, containing micro-ceramic spheres, offering fire resistance and energy efficiency.

APPLICATION AREAS
Thermal insulation paint on building terraces and roofs, interior and exterior façades, metal-roofed factory production areas, poultry farms, and livestock shelters.

ADVANTAGES
- Ready-to-use
- Single-component
- Excellent waterproofing
- Easy and practical application
- Water-based
- Heat-resistant
- Excellent elasticity
- High strength and UV resistance

Thanks to the micro-ceramic spheres contained in the product, it provides up to 25% energy savings through a heat-reflecting system. It reflects 95% of solar radiation, is UV resistant, and reflects 85% of UV rays. It prevents radiant heat transfer and, depending on the number of applied coats, provides up to 40% thermal insulation. On exterior surfaces, it blocks cold air in winter and hot air in summer. On interior surfaces, by reflecting heat, it achieves approximately 25% energy savings.

PRODUCT FEATURES	
Color	Standard White
Density	0.97 g/cm³
Dust Drying Time	45-60 minutes / 25 °C
Touch Drying Time	2-3 hours / 25 °C
Full Drying Time	24 hours / 25 °C
Minimum Application Temperature	+5 °C
Gloss	Matt (0.7 (85°) G3) TS EN ISO 2813
Particle Size	S2 Medium TS EN ISO 1524 / TS EN ISO 787-1
Water Vapor Transmission Rate	V: 32.90 g/(m²·day) Sd: 0.672 m V2 TS EN ISO 7783
Water Transmission Rate	W: 0.038 kg(m²(h)0,5 W3 TS EN 1062-3
Dry Heat Resistance	25 °C / +180 °C
Reaction to Fire	Complies with TS EN 13501-1 April 2013 Table 1 Class B S1 d0 criteria
Solar Absorptance	0.848 (ASTM C 1549)
Surface Heat Emissivity	0.910 (ASTM C 1371)
Packaging	5 L - 18 L plastic buckets
Shelf Life	1 year

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SHINGLE GUARD

WATER-BASED SLATE SHINGLE AND BITUMEN MEMBRANE PROTECTIVE PAINT

PRODUCT DESCRIPTION

Ready-to-use, high-strength, water-based protective waterproofing paint with specific chemical and physical properties, high UV resistance, designed for slate shingles and bitumen membranes.

PRODUCT FEATURES	
Type	TS EN 1062-1
Color	White, Tile Red, Membrane Green (RAL colors upon request)
Appearance	Matt
Thinner	Can be diluted with water
Solid Content by Weight (%)	75
Density	1.50 g/cm³
Consumption	0.400–0.600 kg/m²
Packaging	5 kg - 20 kg Plastic Buckets
Application Methods	Brush, Roller, Airless Spray
Shelf Life	1 year
Dust Drying Time	1–2 hours / 25 °C
Touch Drying Time	3–4 hours / 25 °C
Equipment Cleaning	Clean with water

AREAS OF USE

Building terraces and roofs to protect old or new slate shingles, bitumen membranes, and tarred surfaces from adverse weather conditions and harmful solar radiation, providing longer-lasting durability.

ADVANTAGES

- Prevents deterioration caused by the carbonization of slate shingles and bituminous membranes exposed to harmful UV rays and harsh weather.
- Thanks to its excellent water-repellent properties, it prevents water absorption on coated surfaces.
- Contains mineral fillers, it provides high abrasion resistance and durability against harsh weather conditions. It does not tear on the applied surface during wind or storms.
- UV-resistant special pigments ensure the coating does not fade or yellow over time.
- Enhances the aesthetic appearance of shingle membranes, giving them a more vibrant and glossy decorative finish.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

TRAPEX
WATER-BASED METAL ROOF AND PANEL INSULATION PAINT

PRODUCT DESCRIPTION
High UV-resistant, water-based, anticorrosive, fast-drying, elastic, glossy, high-strength protective waterproofing paint specially formulated for metal roofs and panels.

AREAS OF USE
- Ready to use
- Single component
- Provides excellent waterproofing
- Practical and easy to apply
- Water-based and environmentally friendly
- Resistant to heat and cold
- High resistance to harsh weather conditions and UV rays
- Anti-corrosive properties extend the lifespan of applied metal surfaces

ADVANTAGES
- Galvanized trapezoidal metal terraces and roofs of buildings
- Metal floors, terraces, and roofs where wet areas and water ponding occur
- New or rusted metal panels on interior and exterior building surfaces
- Aged metal roof surfaces
- Metal and galvanized gutters of buildings
- Sandblasted metal panels and trapezoidal sheets
- Rusted trapezoidal metal sheets
- Any metal surfaces requiring protection from corrosion and oxidation

PRODUCT FEATURES	
Type	TS EN ISO 12944-5
Color	Standard White, can be produced in custom RAL colors upon request
Appearance	Glossy
Thinner	Can be thinned with water
Application Methods	Brush, Roller, Airless Spray
Solid Content by Weight (%)	60
Density	1.40 gr/cm³
Consumption	0.500–0.600 kg/m² (1 coat primer, 2 coats topcoat application)
Packaging	5 kg and 20 kg plastic buckets
Shelf Life	1 year
Dust Drying Time	1-2 hours /25 °C
Touch Drying Time	3-4 hours /25 °C
Reaction to Fire Class	Efl
Equipment Cleaning	Cleaned with water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV FIRE STOP PAINT
WATER-BASED FLAME RETARDANT PAINT

PRODUCT DESCRIPTION
Water-based, single-component, elastic, UV-resistant, waterproof, flame-retardant paint with low thermal conductivity, containing micro-ceramic spheres and special fire-resistant additives, suitable for interior and exterior use.
Public Works Approval No.: 04.50610

PRODUCT FEATURES	
Type	TS EN 13300
Color	Standard White
Density	1.50 ± 2 g/cm³
Dust Drying Time	45–60 minutes / 25 °C
Touch Drying Time	2–3 hours / 25 °C
Full Drying Time	12 hours / 25 °C
Minimum Application Temperature	+5 °C
Dry Heat Resistance	-25 °C / +180 °C
Water Vapor Permeability	TS EN ISO 7783-2:2002 S1 Sd < 5 mm Class 1 = 1.230 Suitable
Reaction to Fire	TS EN 13501-1 April 2013 Table 1 Complies with Class B S1 d0 criteria
Consumption	0.400–0.600 kg/m²
Packaging	5 kg and 20 kg Plastic Buckets
Shelf Life	1 year

AREAS OF USE
Used on interior and exterior building surfaces, roofs and terraces, fire escapes, emergency exit corridors, hospitals, military facilities, schools, cinema and theater halls, all types of concrete, wood, and steel structures, drywall partitions, factory warehouses, chimneys, electrical panels and metal transformers, cable trays, and any units requiring fire resistance.

ADVANTAGES
- Ready to use
- Single component
- Excellent waterproofing
- Practical and easy to apply
- Water-based
- Heat-resistant with high fire-retardant strength
- Excellent elasticity
- High strenght
- High UV resistance
- Allows the applied surface to breathe

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

TENNIS COURT PAINT
WATER-BASED ACRYLIC TENNIS COURT PAINT

PRODUCT DESCRIPTION
Single-component, water-based, pure acrylic resin-based tennis court paint with high adhesion strength, high UV resistance, and resistant to fading and yellowing.

AREAS OF USE
Used on tennis courts, volleyball and basketball courts, for protective coating and painting of all types of asphalt and concrete surfaces, for creating safety road corridors, marking bicycle and pedestrian paths, in public transport parking areas, gardens, and for protective and decorative painting of concrete and asphalt surfaces in children's playgrounds.

ADVANTAGES
- Single-component and easy to apply.
- Resistant to harsh weather conditions and UV rays.
- Does not crack, blister, or peel.
- Colored with specially selected pigments, it resists fading and yellowing.
- Resistant to oils, mild acids, and alkalis.
- Excellent adhesion on all types of mineral surfaces and asphalt.

PRODUCT FEATURES	
Type	Water-based, pure acrylic resin (TS EN 1504-2)
Color	White, Red, Green; optional production in special RAL colors
Appearance	Semi-Matte
Thinner	Water
Solid Content by Weight (%)	65
Density	1.40 g/cm³
Consumption	0.200-0.300 kg/m²
Packaging	5 kg and 20 kg Plastic Buckets
Application Methods	Brush, Roller, Diaphragm Pump
Drying Time	1 hour / 23°C
Recoat Time	6 hours
Full Drying Time	24 hours
Shelf Life	1 year
Reaction to Fire Class	Efl
Equipment Cleaning	Water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

ASPHALT PAINT 1K
WATER-BASED ACRYLIC ASPHALT PAINT

PRODUCT DESCRIPTION
Ready-to-use, single-component, high-strength, UV-resistant, water-based acrylic asphalt paint with specific chemical and physical properties.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Standard White - Can be produced in special RAL colors upon request
Appearance	Matte
Thinner	Can be thinned with water
Solid Content by Weight (%)	75
Density	1.50 g/cm³
Consumption	0.600 – 0.700 kg/m²
Packaging	5 kg - 20 kg Plastic Buckets
Application Methods	Brush, Roller, Airless Spray Gun
Shelf Life	1 year
Dust Drying Time	1-2 hours / 25 °C
Touch Drying Time	3-4 hours / 25 °C
Recoat Time	5-6 hours / 25 °C
Equipment Cleaning	Clean with water

AREAS OF USE
Used for protective coating and painting of all types of asphalt and concrete surfaces, creating safety road corridors, marking bicycle and pedestrian paths, in public transport parking areas, gardens, and for protective and decorative coating and painting of concrete and asphalt surfaces in children's playgrounds.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV HYBRID COAT
WATER-BASED HYBRID FLOOR COATING

PRODUCT DESCRIPTION
High-performance, single-component, water-based hybrid floor coating produced through the chemical reaction of organic and nano-particulate inorganic polymers, offering high UV resistance.

APPLICATION AREAS
Suitable for indoor and outdoor parking lots, shopping centers, terminals and station buildings, offices, hotels, food production factories, hospitals, pharmaceutical plants, power plants, data centers, banks, exterior concrete floors, flat terraces and roofs, glazed ceramic surfaces, and all types of concrete and mineral surfaces.

ADVANTAGES
- Hardens the applied concrete surface and prevents carbonation thanks to its nano-particulate inorganic groups.
- High mechanical strength, wear resistance, and impact resistance.
- Resistant to salt water, solvents, acids, oils, alkalis, and chemicals. (Chemical resistance tests should be performed 2 weeks after application.)
- High water vapor permeability.
- Provides excellent penetration and adhesion, forming an inorganic bond with the surface.
- UV-resistant and color-stable due to special pigment content.
- Imparts waterproofing properties to concrete surfaces.
- Easy application and maintenance.
- Low-VOC, environmentally friendly.

PRODUCT FEATURES	
Color	Standard Grey, Green, Oxide Red. Can be produced in special RAL colors upon request.
Solid Content by Weight (%)	70
Density	1.10 g/cm³
Consumption	150 g/m² (Applied in 3 layers, 50 g/m² per layer). Intercoat application must have at least 3 hours interval at 20-25 °C.
Packaging	5 kg - 20 kg Plastic Buckets
Application Methods	Roller, Airless Spray
Touch Drying Time	10°C/6 Hours, 20°C/4 Hours, 30°C/2 Hours
Full Drying Time	10°C/12 Hours, 20°C/8 Hours, 30°C/6 Hours
Full Curing	10°C/7 Days, 20°C/5 Days, 30°C/3 Days
Shelf Life	1 year
Mechanical Strength	7 Days
Equipment Cleaning	Can be thinned with water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SEAL PU 160

SOLVENT-FREE ELASTIC POLYURETHANE JOINT FILLER AND WATERPROOFING COATING

PRODUCT DESCRIPTION

A two-component, self-leveling, solvent-free, elastic polyurethane joint filler and waterproofing coating with high mechanical and chemical resistance, excellent tensile and tear strength.

Public Works Approval No.: 04.379/108

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 2 (MC): Moisture Control: 2.2 Coating Application (C) Principle 8 (IR) Increasing Resistance by Limiting Moisture Content: 8.2 Coating Application (C)
Color	White, Gray – Custom RAL colors available
Appearance	Matte / Color may change under direct sunlight but does not negatively affect performance
Solid Content by Weight (%)	100
Density	1.30 g/cm³
Consumption	1.300 kg/m² (for 1 mm dry film thickness)
Packaging	16 kg Component A + 4 kg Component B, Total: 20 kg Set
Flash Point	>25 °C
Mixing Ratio	4 / 1
Application Methods	Brush, Roller, Trowel, Airless Spray
Pot Life	20 minutes / 25 °C
Shelf Life	1 year
Recoat Time	12 hours at 25 °C
Mechanical Strength	7 days
Elasticity	200%
Shore A Hardness (7 days / 25°C)	45
Equipment Cleaning	Polyurethane Thinner
Reaction to Fire Class	Efl

APPLICATION AREAS

It is suitable for roofs and terraces of buildings, insulated reinforced sloped screeds, concrete surfaces, basement floors, water tanks, irrigation channels, and plaster or fiberboard panels. It can be used as a waterproofing and protective coating for concrete surfaces, on airport and heavy-traffic concrete surfaces with high joint movement, and as an elastic joint filler resistant to jet fuel, hydraulic oil, and chemicals. The product performs effectively at temperatures as low as -30°C.

Surface Preparation:

Before applying the primer, surfaces must be free of oil, dust, and dirt. Loose particles, cement laitance, and any adhesion-inhibiting materials must be removed. Surfaces primed with a primer should be abraded with quartz sand depending on the condition of the surface. This improves the adhesion performance of the PU 160 polyurethane elastic waterproofing coating. For under-ceramic PU 160 applications, horizontal and vertical surfaces should be abraded with quartz sand to ensure proper adhesion to the ceramic substrate.

Mixing Instructions:

Components A and B must be mixed according to the specified ratio using a low-speed mixer for at least 3–4 minutes until a homogeneous mixture is obtained. The mixture is ready for application and must be used within 15–20 minutes.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

POLIPUR 250
1K ELASTIC POLYURETHANE WATERPROOFING COATING

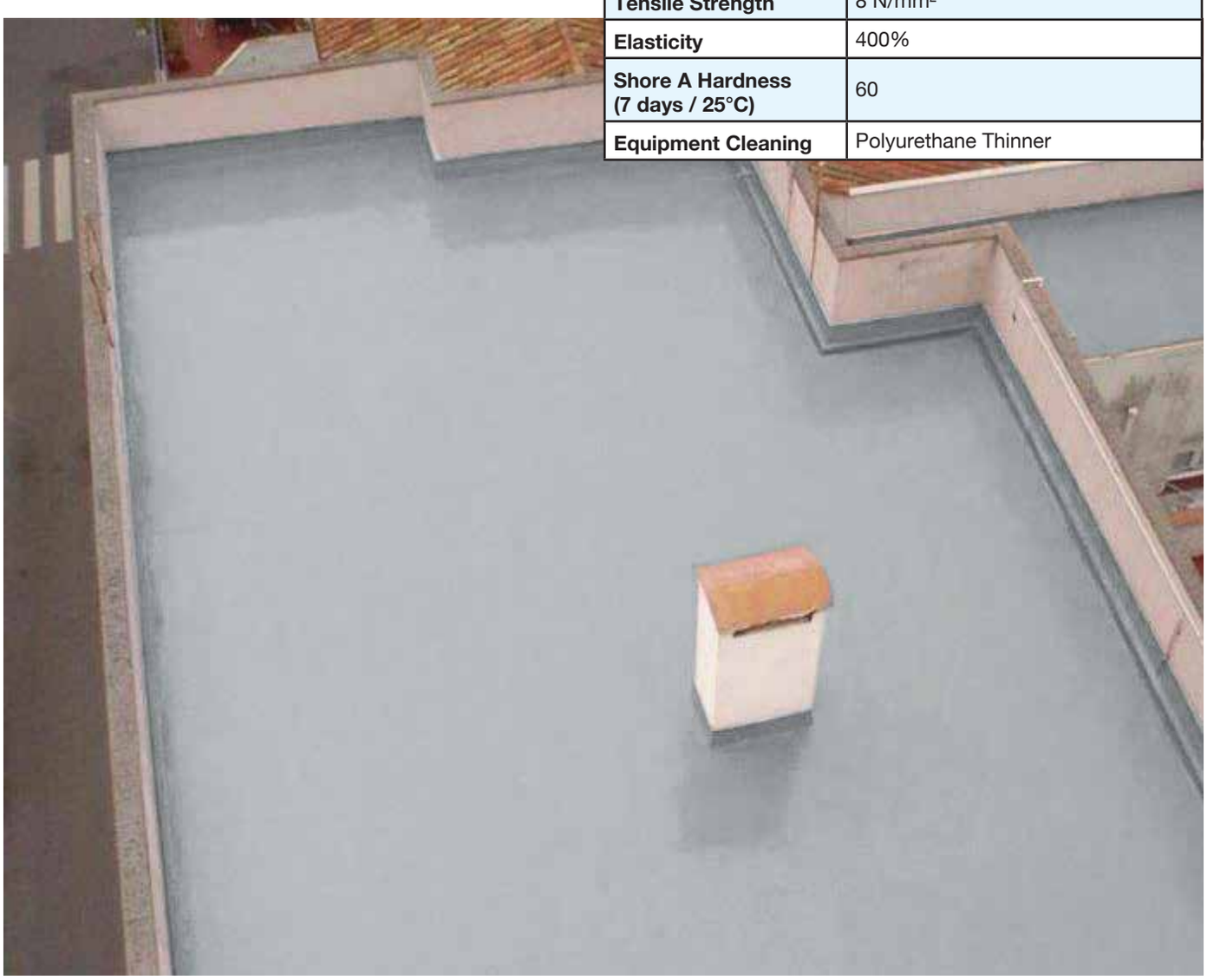
PRODUCT DESCRIPTION

Air-curing, single-component, low-solvent elastic polyurethane waterproofing coating. It provides high UV resistance, excellent adhesion to applied surfaces, and bridges shrinkage cracks. When applied on foundation and retaining wall concrete, it is resistant to soil bacteria, alkalis, and salts.

APPLICATION AREAS

Suitable for balconies, roofs, and terraces; concrete, asphalt, and alkaline stone surfaces; foundation and retaining wall concrete; basements; tunnels and underpasses; waterproofing of all types of concrete structures; and as a waterproofing coating for floors in indoor and outdoor parking areas.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 2 (MC): Moisture Control: 2.2 Coating Application (C)
Color	White, Grey
Appearance	Matte
Solid Content by Weight (%)	90
Density	1.39 g/cm³
Consumption	Varies according to surface condition
Packaging	25 kg
Application Methods	Brush, Roller, Airless Spray
Shelf Life	6 months
Tensile Strength	8 N/mm²
Elasticity	400%
Shore A Hardness (7 days / 25°C)	60
Equipment Cleaning	Polyurethane Thinner



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

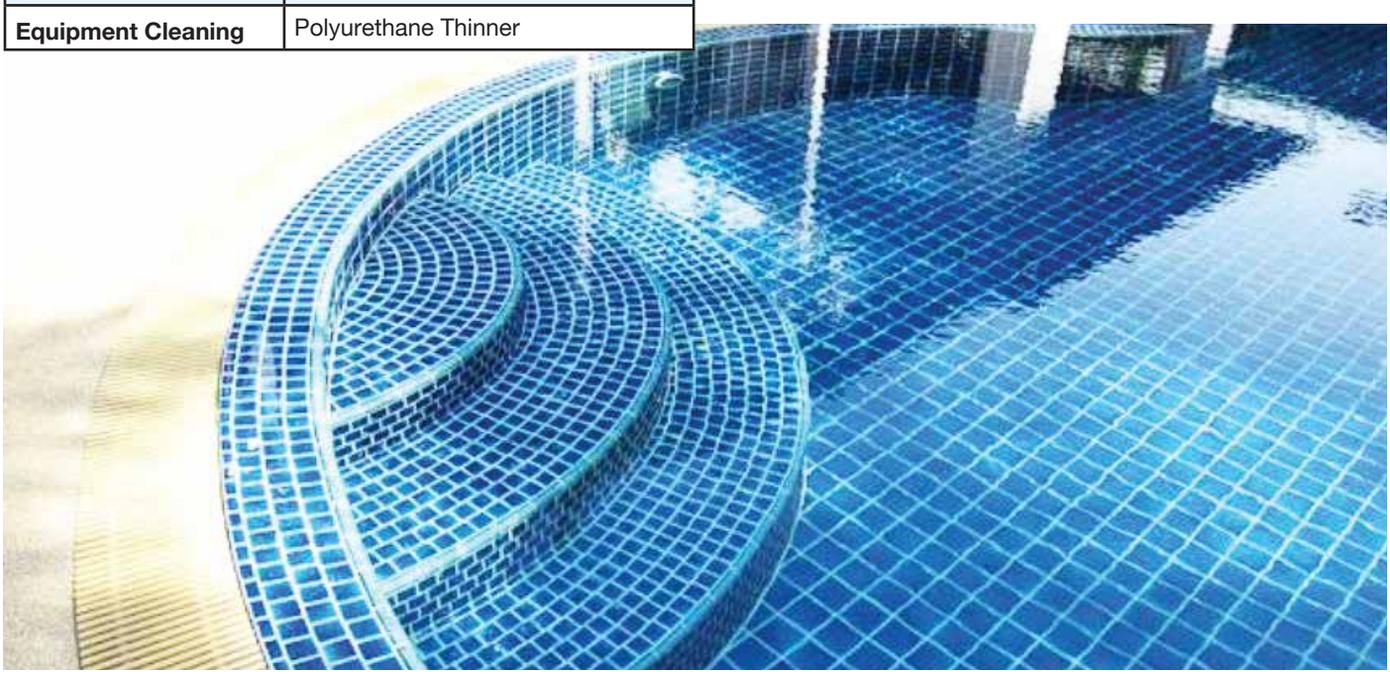
PROTECT PU 780
LIQUID TRANSPARENT WATERPROOFING COATING

PRODUCT DESCRIPTION
Two-component, solvent-based, flexible aliphatic polyurethane liquid glass transparent waterproofing coating with high adhesion, resistant to UV radiation, adverse weather conditions, and pool chemicals.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Appearance	Glossy
Solid Content by Weight (%)	40
Solid Content by Volume (%)	35
Density	0.97 g/cm³
Consumption	55–95 g/m² (for 20–30 micron dry film thickness)
Packaging	17.5 kg Component A + 2.5 kg Component B, Total 21 kg 3.5 kg Component A + 0.5 kg Component B, Total 4 kg
Flash Point	>25 °C
Mixing Ratio	7/1
Application Methods	Brush, Roller, Air Sprayer, Airless Sprayer
Pot Life	1–1.5 hours / 25 °C
Shelf Life	1 year
Recoat Time	2 hours / 25 °C
Drying Time	6 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner

APPLICATION AREAS
Suitable for terraces, roofs, and swimming pools with glazed or ceramic surfaces, sealing micro-cracks between joints, and on glass mosaics, marble, natural stone, wood, and concrete surfaces where chemical resistance, impact and abrasion resistance, and waterproofing are required.

Surface Preparation:
Concrete surfaces must be completely cleaned of loose particles, paint residues, oil, and dirt. Cracks and damaged areas must be repaired, and the surface should be roughened before application. Glazed or ceramic surfaces must be thoroughly cleaned of any dirt, oil, and dust prior to application. Ceramic or glazed surfaces exposed to detergents, soaps, or shampoos should be carefully cleaned with acetone or cellulosic thinner before application.



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV PU 900
DECORATIVE PROTECTIVE POLYURETHANE TOPCOAT FOR SWIMMING POOLS

PRODUCT DESCRIPTION

Two-component, low-solvent decorative protective polyurethane topcoat for swimming pools. Resistant to water, pool chemicals, adverse weather conditions, and UV radiation. It offers high mechanical strength and excellent adhesion to concrete or ceramic surfaces without cracking or blistering.

APPLICATION AREAS

Suitable for interior and exterior concrete floors, concrete or ceramic-lined swimming pools, decorative fountains, ceramic-covered terraces, roofs, and balconies, as well as water tanks, canals, and ponds.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application C
Color	RAL colors
Appearance	Semi-Matte
Thinner	Polyurethane Thinner
Solid Content by Weight (%)	60
Density	1.30 g/cm³
Consumption	50–100 g/m²
Packaging	4.5 kg Component A + 0.5 kg Component B, Total: 5 kg (Gallon) 18 kg Component A + 2 kg Component B, Total: 20 kg (Bucket)
Flash Point	>25 °C
Mixing Ratio	9/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	6 hours / 25 °C
Shelf Life	1 year
Recoat Time	4 hours / 25 °C
Drying Time	4 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SEAL SC 800®

SOLVENT-FREE HYGIENIC EPOXY TOPCOAT FOR DRINKING WATER TANKS

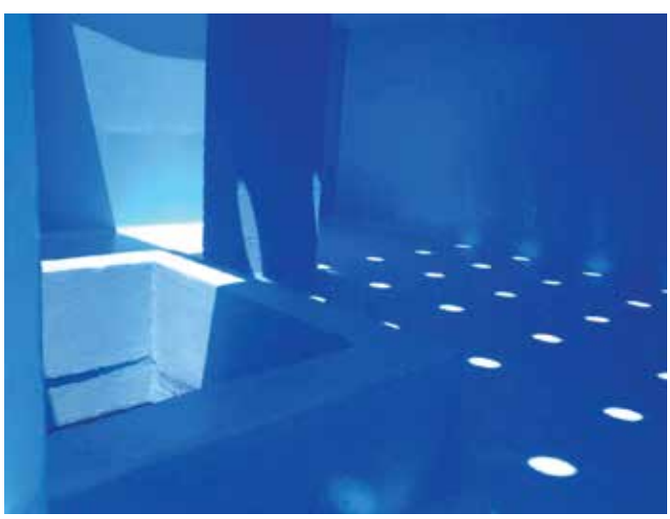
PRODUCT DESCRIPTION

Two-component, solvent-free, thixotropic hygienic epoxy coating and topcoat paint designed for drinking water tanks. SEAL SC 800 is certified for use in drinking water systems under BS 6920. It provides a surface resistant to water and chemical erosion, complies with international food codes, and is bacteria- and algae-resistant.

PRODUCT FEATURES	
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	100
Density	1.50 g/cm³
Consumption	0.300–0.600 kg/m²
Packaging	15 kg Component A + 5 kg Component B: Total 20 kg
Flash Point	>25 °C
Mixing Ratio	3/1
Application Methods	Brush, Roller, Airless Spray, Trowel
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Sertliği	75 (7 days / 25°C)
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS

Used as a protective coating in underground and aboveground drinking water pipes and tanks.



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SEAL SC 2000
COAL TAR MODIFIED SOLVENT FREE EPOXY LIQUID WATERPROOFING MEMBRANE

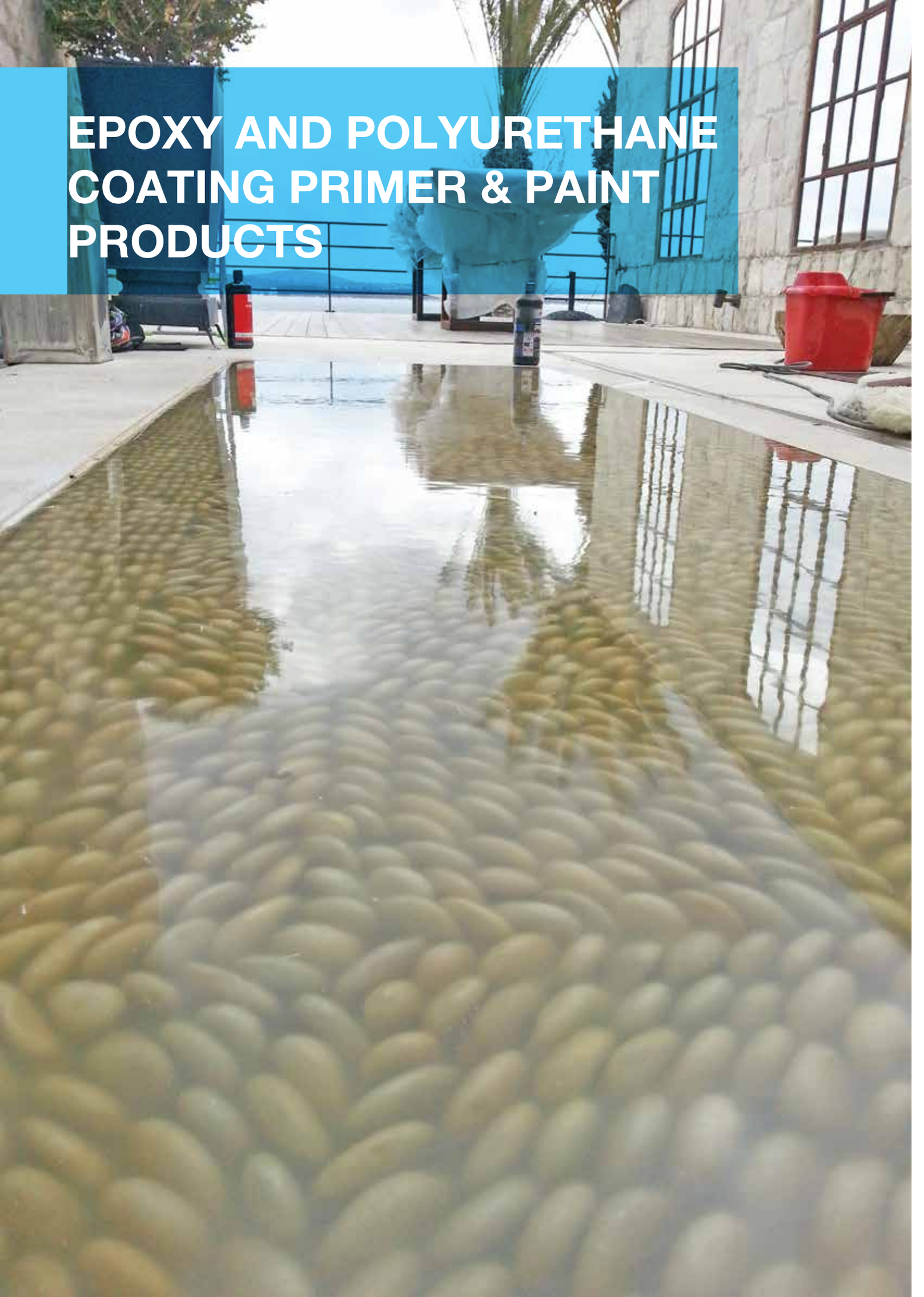
PRODUCT DESCRIPTION
Two-component, coal tar modified, solvent-free epoxy liquid waterproofing membrane.

APPLICATION AREAS
Used for waterproofing basements, foundations, ponds, piers, bridge piers, and septic systems. It penetrates cracks in concrete, bonding the concrete together. When applied on building retaining walls and structural columns, it prevents groundwater from penetrating the concrete, protecting it from deterioration and corrosion of embedded steel. Resistant to internal and external pressures, it does not detach from the surface and reacts with concrete to become an integral part of it. Suitable for concrete floors of petroleum storage tanks to prevent oil leakage into the soil. Resistant to saltwater and chemicals.

PRODUCT FEATURES	
Type	TS 11589
Color	Dark Brown
Appearance	Matte
Solid Content by Weight (%)	100
Density	1,40 g/cm³
Consumption	0,500–1,500 kg/m²
Packaging	16 kg Component A + 8 kg Component B, Total 24 kg
Flash Point	>25 °C
Mixing Ratio	2 / 1 (A:B)
Application Methods	Brush, Roller, Airless Spray, Trowel
Pot Life	30 minutes at 25 °C
Shelf Life	1 year
Recoat Time	12 hours at 25 °C
Drying Time	12 hours at 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

EPOXY AND POLYURETHANE COATING PRIMER & PAINT PRODUCTS



PRIMER SC 215®
SOLVENT-FREE EPOXY PRIMER

PRODUCT DESCRIPTION
Two-component, low-viscosity, solvent-free epoxy primer.

APPLICATION AREAS
Used as an epoxy primer on factory and warehouse floors, work areas, loading zones, industrial floors exposed to medium and heavy loads, concrete surfaces, cementitious mortars and screeds, normal and highly absorbent surfaces, epoxy-based mortars, or prior to the application of epoxy, polyurethane, or polyurea topcoats.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Colorless
Appearance	Transparent
Solid Content by Weight (%)	100
Density	(Component A): 1.10 g/cm³ (Component B): 1.01 g/cm³ (Mixed A+B): 1.08 g/cm³
Consumption	0.300 – 0.500 kg/m²
Packaging	14 kg Component A + 7 kg Component B, Total 21 kg Set
Flash Point	>25 °C
Mixing Ratio	2 / 1
Application Methods	Brush, Roller, Trowel, Airless Spray
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Compressive Strength (EN 196-1)	95 N/mm²
Flexural Strength (EN 196-1)	30 N/mm²
Adhesion Strength (EN 4624)	>1.5 N/mm²
Shore D Hardness (DIN 53505)	83 (%50 Relative Humidity 23°C, 7 days)
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PRIMER SC 220®

SOLVENT-FREE EPOXY PRIMER FOR 100% MOIST SURFACES

PRODUCT DESCRIPTION

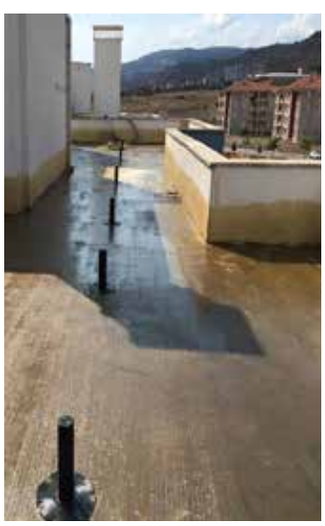
Two-component, solvent-free epoxy primer designed for 100% moist and wet surfaces. It forms a moisture barrier and penetrates capillary cracks in concrete.

Public Works Approval No.: 04.379/H02

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Colorless
Appearance	Translucent
Solid Content by Weight (%)	98
Density	1.20 g/cm³
Consumption	0.300–0.500 kg/m²
Packaging	12 kg Component A + 5 kg Component B, Total 17 kg Set
Flash Point	>25 °C
Mixing Ratio	2.4 / 1
Application Methods	Brush, Roller, Trowel
Pot Life	40 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Curing Time	12 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS

Used as a concrete primer on factory and warehouse floors, work areas, loading zones, and industrial floors subjected to medium and heavy loads. Applied before epoxy, polyurethane, and polyurea coatings on moist concrete surfaces.



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SC 650 ST®
SOLVENT-FREE EPOXY SELF-LEVELING FLOOR COATING

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy self-leveling floor coating.
Public Works Approval No.: 04.379/H03

APPLICATION AREAS
Used in factories, assembly workshops, warehouses, aircraft hangars, stores, parking lots, food facilities, hospitals, chemical and pharmaceutical industries, power plants, and units requiring hygiene. Suitable for all industrial floors, offering high mechanical strength and abrasion resistance, easy cleaning, and can be applied as the final layer of a multilayer system or as a standalone self-leveling solvent-free epoxy floor coating.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	98
Density	A+B: 1.40 g/cm³ A+B+C: 1.80 g/cm³
Consumption	A+B; 250 micron dry film thickness: 0.350 kg/m² A+B; 1 mm dry film thickness: 1.400 kg/m² A+B+C; 1 mm dry film thickness: 1.800 kg/m²
Packaging	A+B: 20 kg A Component + 4 kg B Component, Total 24 kg Set A+B+C: 20 kg A Component + 4 kg B Component + 12.5 kg C Component, Total 36.5 kg Set C Component is packaged in 25 kg Kraft bags
Flash Point	>25 °C
Mixing Ratio	5 / 1
Application Methods	Brush, Roller, Airless Spray, Trowel
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Adhesion (TS EN ISO 1542)	>2 N/mm²
Shore D Hardness (EN ISO 868)	75±3 / 23°C
Compressive Strength (TS EN 12190)	80 N/mm²
Flexural Strength (TS EN 12190)	45 N/mm²
Tensile Strength (DIN 53504)	20 N/mm²
Reaction to Fire Class	Cfl
Mechanical Strength	7 days / 23°C

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

WALL SC 605®
SOLVENT-FREE EPOXY TOPCOAT FOR VERTICAL SURFACES

PRODUCT DESCRIPTION
Two-component, solvent-free, thixotropic epoxy topcoat designed for vertical surfaces.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	95
Density	1.55 g/cm³
Consumption	0.200–0.600 kg/m² (applied in two coats)
Packaging	20 kg Component A + 4 kg Component B, Total 24 kg Set
Flash Point	>25 °C
Mixing Ratio	5 / 1
Application Methods	Brush, Roller, Airless Spray
Pot Life	25 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Hardness	70 (7 days / 25°C)
Reaction to Fire Class	C
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Suitable for factories, assembly workshops, warehouses, aircraft hangars, stores, parking lots, food facilities, hospitals, chemical and pharmaceutical industries, power plants, and hygiene-critical units. Can be used in all industrial areas, offering high mechanical strength and abrasion resistance, easy cleaning, and application on vertical surfaces as a solvent-free thixotropic epoxy coating.

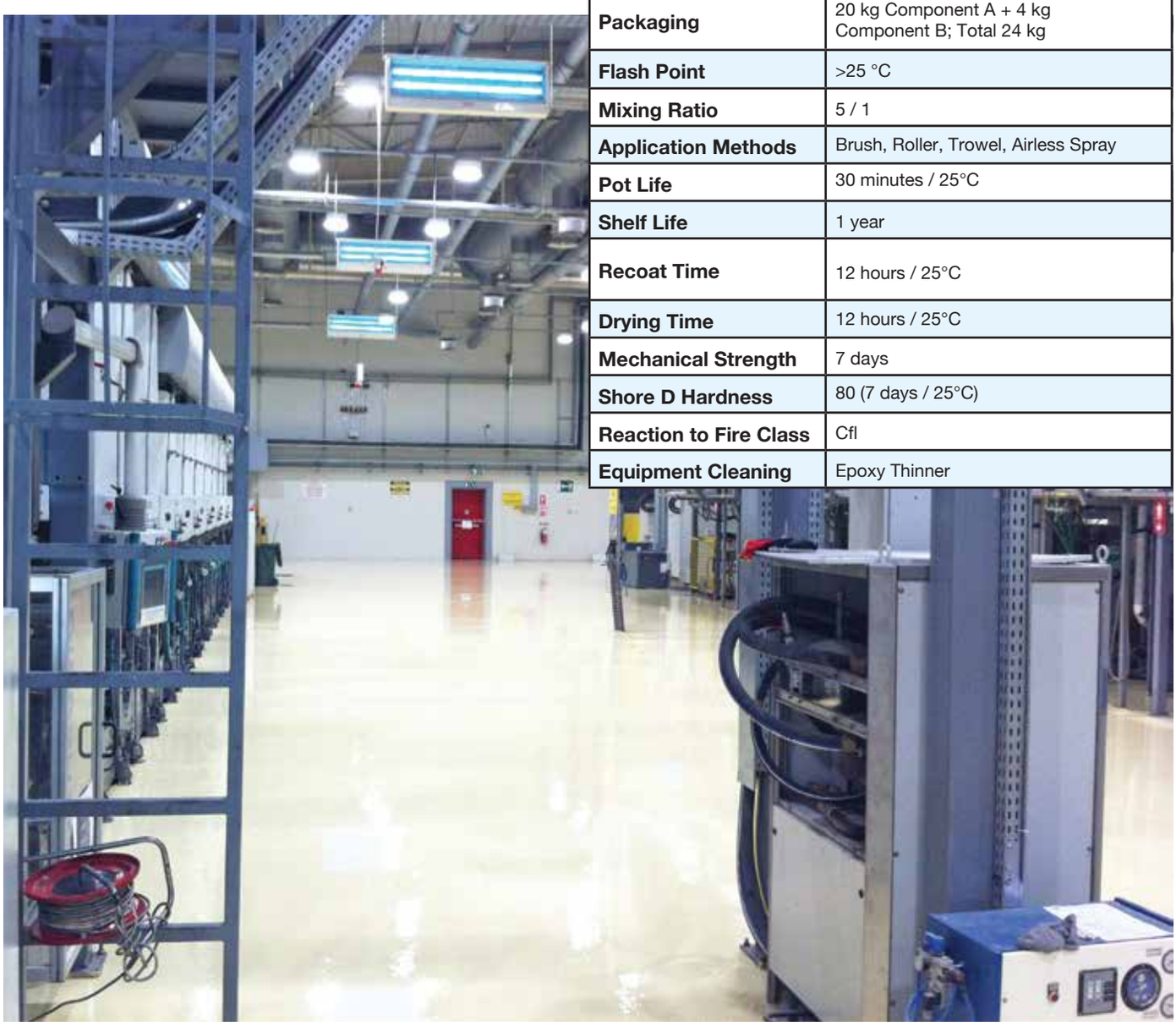
Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

FLOOR SC 610
SOLVENT-FREE EPOXY TOPCOAT

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy topcoat.

APPLICATION AREAS
Used in factories, assembly workshops, warehouses, aircraft hangars, stores, parking lots, food facilities, hospitals, chemical and pharmaceutical industries, power plants, and hygiene-critical units. Suitable for all industrial floors, offering high mechanical strength and abrasion resistance, easy cleaning, and can be applied as an epoxy topcoat on metal, wood, and concrete surfaces. Suitable for both vertical and horizontal surfaces.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	98
Density	1.60 g/cm³
Consumption	0.200–0.300 kg/m² (two coats on vertical surfaces, single coat on horizontal surfaces)
Packaging	20 kg Component A + 4 kg Component B; Total 24 kg
Flash Point	>25 °C
Mixing Ratio	5 / 1
Application Methods	Brush, Roller, Trowel, Airless Spray
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Hardness	80 (7 days / 25°C)
Reaction to Fire Class	Cfl
Equipment Cleaning	Epoxy Thinner



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

FLOOR SC 620
SOLVENT-FREE TEXTURED EPOXY TOPCOAT

PRODUCT DESCRIPTION
Two-component, solvent-free, textured epoxy topcoat.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	98
Density	1.55 g/cm³
Consumption	0.200–0.300 kg/m² (two coats on vertical surfaces, one coat on horizontal surfaces)
Packaging	20 kg Component A + 4 kg Component B, Total 24 kg Set
Flash Point	>25 °C
Mixing Ratio	5 / 1
Application Methods	Roller
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Hardness	80 (7 days / 25°C)
Reaction to Fire Class	Cfl
Equipment Cleaning	Epoxy Thinner

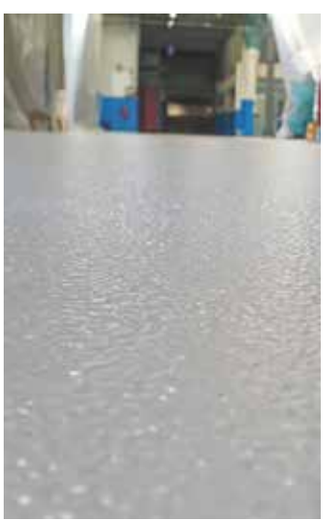
APPLICATION AREAS
Used in factories, assembly workshops, warehouses, aircraft hangars, stores, parking lots, food facilities, hospitals, chemical and pharmaceutical industries, power plants, and hygiene-critical units. Suitable for all industrial floors, offering high mechanical strength and abrasion resistance, easy cleaning, and can be applied as a textured epoxy topcoat on metal, wood, and concrete surfaces. Suitable for both vertical and horizontal surfaces.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

FLOOR SC 645®
ORANGE PEEL TEXTURED EPOXY TOPCOAT

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy topcoat with an orange peel texture.
Public Works Approval No.: 04.379/H04

APPLICATION AREAS
Used in parking lots, stores, factories, assembly workshops, warehouses, aircraft hangars, food facilities, hospitals, chemical and pharmaceutical industries, power plants, and hygiene-critical units. Suitable for all industrial floors, offering high mechanical strength and abrasion resistance. Stain-resistant (against tea, coffee, ketchup, saltwater, detergent solutions, motor oil, hydraulic oil, 20% caustic solution, 10% acetic acid solution), easy to clean, and features an orange peel texture.



PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Semi-matte
Solid Content by Weight (%)	98
Density	1.58 g/cm³
Consumption	Intermediate Coating: 0.400–0.500 kg/m² Textured Top Coat: 0.500–0.600 kg/m²
Packaging	21 kg Component A + 3 kg Component B Total 24 kg
Flash Point	>25 °C
Mixing Ratio	9 / 1
Application Methods	Intermediate Coating: Roller, Trowel Textured Top Coat: Trowel (to spread on surface), Epoxy Roller (for smoothing), Textured Roller (for textured pattern)
Pot Life	20 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Hardness (EN ISO 1542)	75 (7 days / 25°C)
Adhesion Strength (TS EN ISO1542)	>2 N/mm²
Compressive Strength (TS EN 12190)	80 N/mm²
Flexural Strength (TS EN 12190)	45 N/mm²
Tensile Strength (DIN 53504)	20 N/mm²
Reaction to Fire Class	Cfl
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

FLOOR SC 950
CHEMICAL-RESISTANT SOLVENT-FREE EPOXY TOPCOAT

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy topcoat resistant to chemical substances.
Public Works Approval No.: 04.379/H03

PRODUCT FEATURES	
Type	TS EN 1504-2/ April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	100
Density	1.50 g/cm³
Consumption	0.500 – 1.200 kg/m²
Packaging	20 kg Component A + 5 kg Component B: Total 25 kg
Flash Point	>25 °C
Mixing Ratio	4 / 1
Application Methods	Brush, Roller, Airless Spray, Trowel
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Shore D Hardness	75 (7 days / 25°C)
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Used as a topcoat on ceramic walls, laboratories, hospitals, food facilities, swimming pools, thermal pools, water tanks, treatment plants, toilets, industrial facilities, and surfaces exposed to chemical substances.

SURFACE PREPARATION
Surfaces must be free from oil, dust, and dirt.
Loose particles, cement laitance on concrete surfaces, and any material preventing adhesion must be removed.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

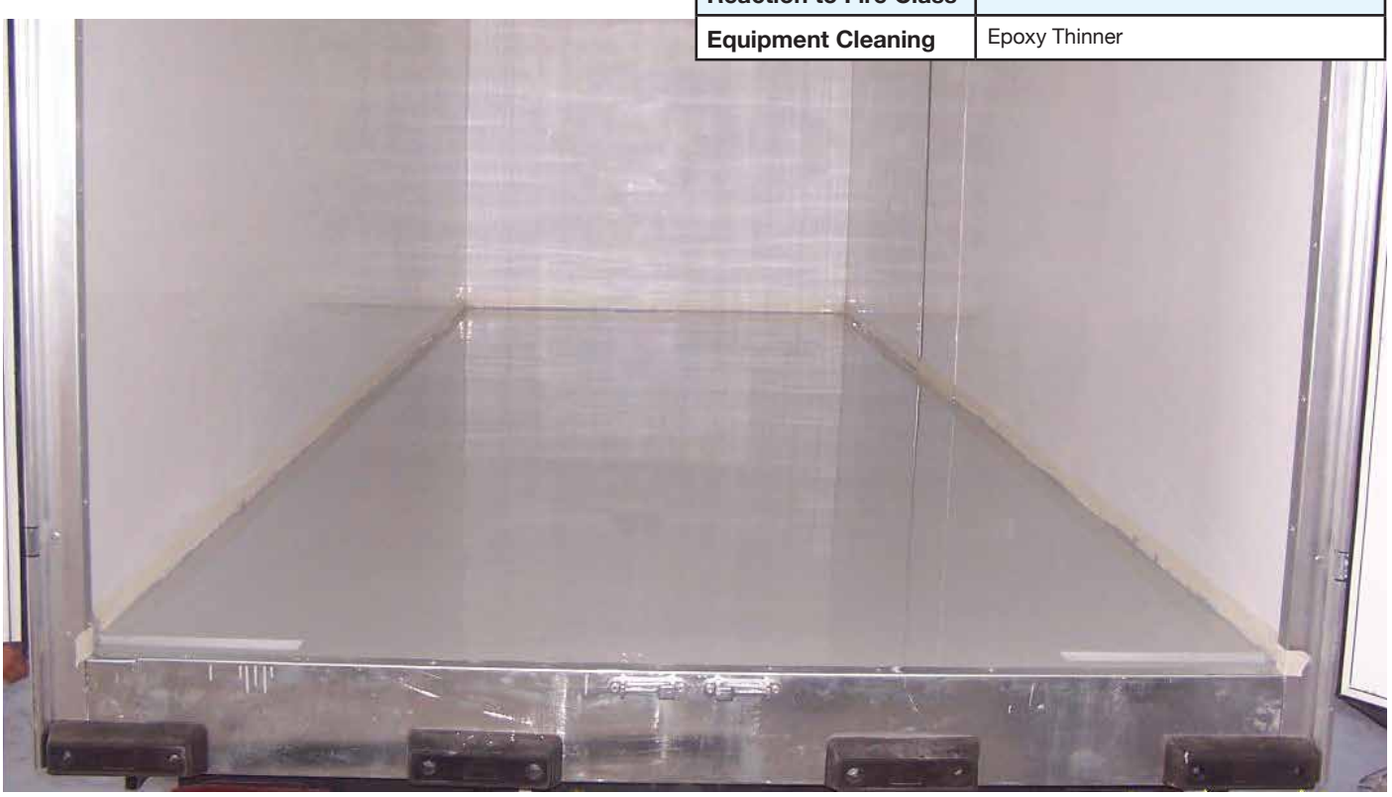
FLOOR SC 1200
EPOXY FLOOR COATING
FOR REFRIGERATED VEHICLES AND CONTAINERS

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy floor coating for refrigerated vehicles and container floors.

APPLICATION AREAS
Used in refrigerated vehicle bodies and modular container floors, in areas requiring hygiene. Easily adheres to metal, OSB, and Betopan surfaces. Features high water resistance, antibacterial properties, and can withstand forklift traffic. Waterproof, wear-resistant, and provides 100% hygiene once the chemical reaction on the applied surface is complete.

Surface Preparation:
• Surfaces must be free from oil, dust, and dirt.
• Loose particles, cement laitance on concrete surfaces, and any material preventing adhesion must be removed.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Glossy
Solid Content by Weight (%)	100
Density	1.70 g/cm³
Consumption	0.800–1.600 kg/m²
Packaging	20 kg Component A + 5 kg Component B, Total 25 kg
Flash Point	>25 °C
Mixing Ratio	4/1
Application Methods	Trowel
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Reaction to Fire Class	Cfl
Equipment Cleaning	Epoxy Thinner



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

WALL AC 6380®
SOLVENT-BASED EPOXY TOPCOAT FOR CONCRETE SURFACES

PRODUCT DESCRIPTION
Two-component, solvent-based epoxy topcoat for concrete surfaces.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Semi-Gloss
Thinner	
Solid Content by Weight (%)	
Density	
Consumption	
Packaging	
Flash Point	
Mixing Ratio	
Application Methods	
Pot Life	1.5 - 2 hours / 25°C
Shelf Life	1 year
Recoat Time	6 hours / 25°C
Drying Time	8 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Suitable for use in factories, assembly workshops, warehouses, glazed and ceramic surfaces, aircraft hangars, stores, parking lots, food facilities, hospitals, chemical and pharmaceutical industries, and power plants. Can be applied on all industrial floors and walls. Features high mechanical strength, wear resistance, and easy-to-clean properties.

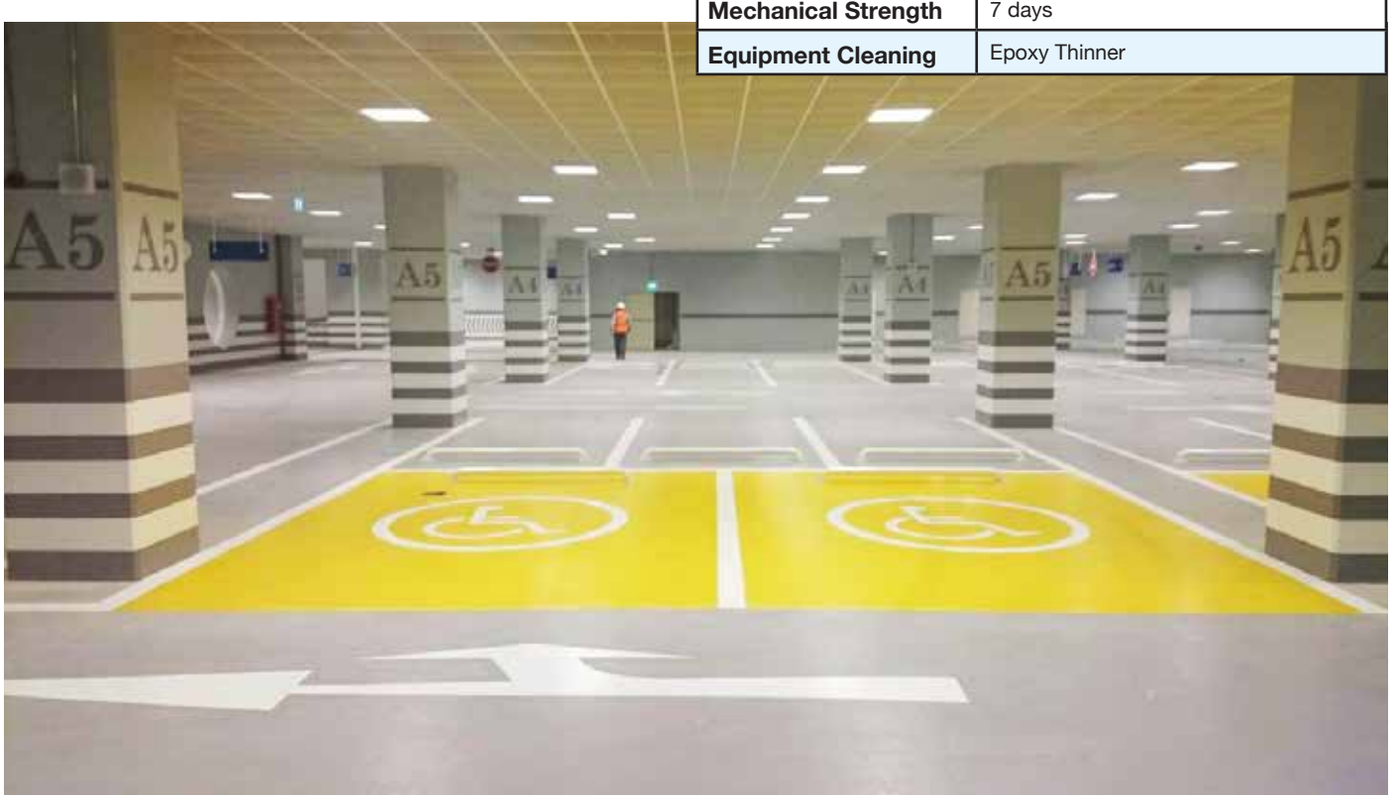
Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

ROAD AC 6388
SOLVENT-BASED EPOXY ROAD MARKING PAINT

PRODUCT DESCRIPTION
Two-component, solvent-based epoxy road marking paint with high adhesion and mechanical strength.

APPLICATION AREAS
Used on asphalt and concrete roads, factories, assembly workshops, warehouses, aircraft hangars, indoor and outdoor parking lots, and bicycle paths. Suitable for marking lines and special signs on all industrial floors. Features high adhesion, wear resistance, and easy-to-clean properties.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Standard White and Road Line Yellow (RAL colors can be produced upon request)
Appearance	Semi-Gloss
Thinner	Epoxy Thinner
Solid Content by Weight (%)	67
Density	1.40 g/cm³
Packaging	20 kg Component A + 5 kg Component B, Total 25 kg Set
Flash Point	>25 °C
Mixing Ratio	4/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1.5–2 hours / 25°C
Shelf Life	1 year
Recoat Time	6 hours / 25°C
Drying Time	8 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

WALL PU 125®

SOLVENT-BASED POLYURETHANE TOPCOAT FOR CONCRETE SURFACES

PRODUCT DESCRIPTION

Two-component, aliphatic polyurethane topcoat with low solvent content and high UV resistance.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Semi-Matte
Thinner	Polyurethane Thinner
Solid Content by Weight (%)	70
Density	1.30 g/cm³
Consumption	50–100 g/m²
Packaging	18 kg Component A + 2 kg Component B Total: 20 kg Set
Flash Point	>25 °C
Mixing Ratio	9/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1 hour / 25 °C
Shelf Life	1 year
Recoat Time	4 hours / 25°C
Drying Time	4 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner

APPLICATION AREAS

Suitable for concrete floors and surfaces in factory interiors and exteriors, assembly workshops, warehouses, aircraft hangars, shopping centers, food facilities, water tanks, hospitals, chemical and pharmaceutical industries, and power plants. Also used in indoor and outdoor parking lots, bicycle paths, and for marking lines and special signs on all industrial floors. Features high mechanical strength, wear resistance, and easy-to-clean properties.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

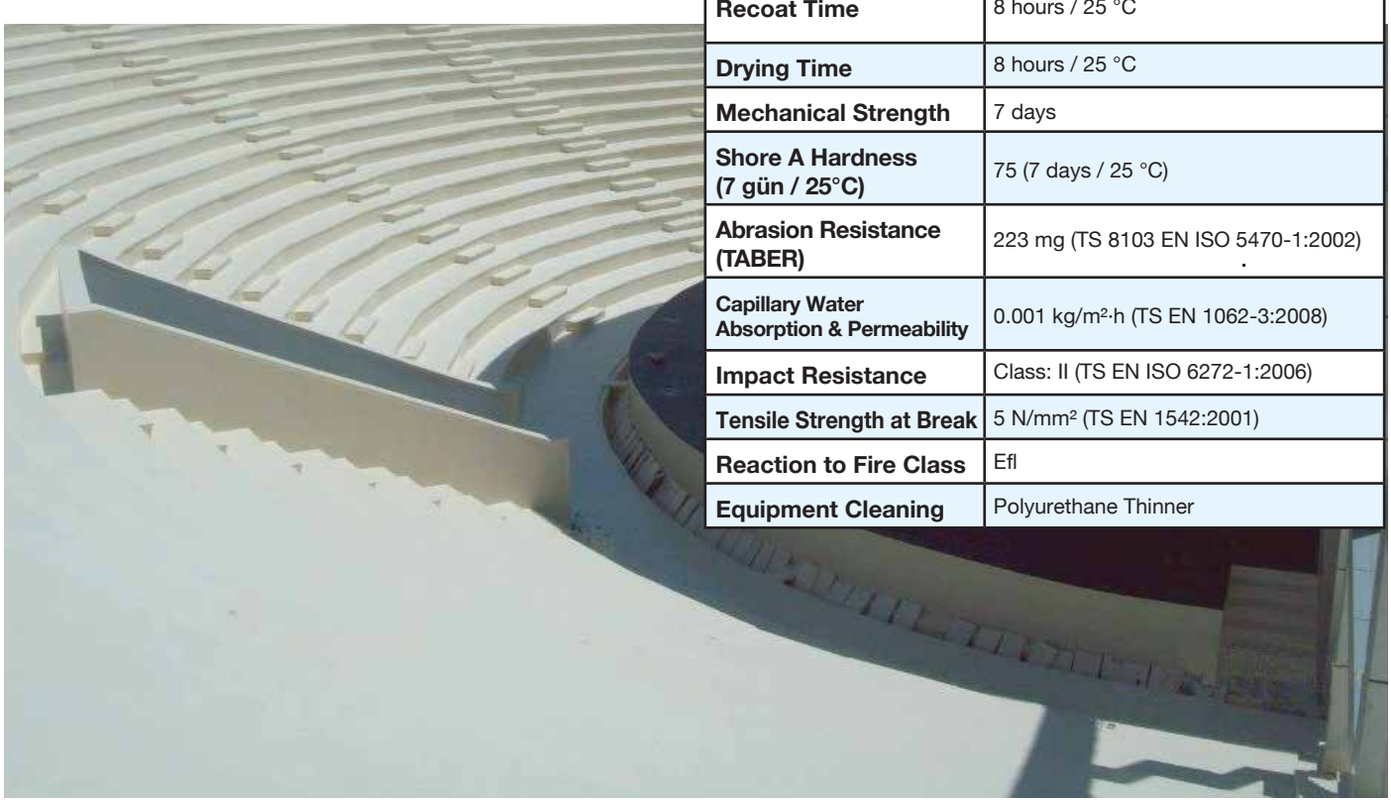
FLOOR PU 145
SOLVENT-FREE POLYURETHANE SELF-LEVELING COATING

PRODUCT DESCRIPTION

Two-component, solvent-free polyurethane self-leveling coating with high mechanical and chemical resistance, high tensile and tear strength, and durability down to -30ºC.

APPLICATION AREAS

Used as an elastic polyurethane floor coating in hospitals, schools, offices, gyms, shopping centers, hotels, storage areas, cold storage facilities, refrigerated vehicle floors, food production facilities, and all industrial areas where hygiene is required.



PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	RAL colors
Appearance	Semi-Matte
Solid Content by Weight (%)	70
Density	1.30 g/cm³
Consumption	1.30 kg/m²
Packaging	• A Component: 16 kg • B Component: 4 kg Total: 20 kg Set • C Component: 12.5 kg (Packaged in 25 kg Kraft Bag) Total A+B+C: 32.5 kg
Flash Point	>25 °C
Mixing Ratio	4/1
Application Methods	Brush, Roller, Trowel
Pot Life	30 minutes / 25 °C
Shelf Life	1 year
Recoat Time	8 hours / 25 °C
Drying Time	8 hours / 25 °C
Mechanical Strength	7 days
Shore A Hardness (7 gün / 25°C)	75 (7 days / 25 °C)
Abrasion Resistance (TABER)	223 mg (TS 8103 EN ISO 5470-1:2002)
Capillary Water Absorption & Permeability	0.001 kg/m²·h (TS EN 1062-3:2008)
Impact Resistance	Class: II (TS EN ISO 6272-1:2006)
Tensile Strength at Break	5 N/mm² (TS EN 1542:2001)
Reaction to Fire Class	Efl
Equipment Cleaning	Polyurethane Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PRIMER AC 070
EPOXY ZINC RICH

PRODUCT DESCRIPTION
Two-component, solvent-based epoxy primer containing anticorrosive zinc powder.

PRODUCT FEATURES	
Type	TS EN ISO 12944-5
Color	Grey
Appearance	Matte
Thinner	Epoxy Thinner
Solid Content by Weight (%)	76
Density	1.90 g/cm³
Consumption	100 g/m² for 40 micron in a single coat
Packaging	27 kg Component A + 3 kg Component B, Total 30 kg Set
Flash Point	>25 °C
Mixing Ratio	9/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1 hour / 25°C
Shelf Life	1 year
Recoat Interval	6 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Especially for iron and steel surfaces exposed to water and moisture, provides long-term resistance against rust by offering cathodic protection.

Surface Preparation:
Surfaces to be primed must be cleaned from all rust, mill scale, dirt, dust, oil, and grease.For surface cleaning, Swedish Standard SIS 05 59 00 recommends sandblasting to at least Sa2 ½ degree. After sandblasting, the first coat of primer should be applied immediately.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PRIMER AC 080
SURFACE TOLERANT EPOXY PRIMER

PRODUCT DESCRIPTION
Two-component, solvent-based, anticorrosive, surface-tolerant epoxy primer used to protect metal surfaces against external effects.

APPLICATION AREAS
Metal surfaces where thorough cleaning is difficult.

Surface Preparation:
For epoxy paint to achieve the expected performance, proper surface preparation is crucial. Surfaces should be mechanically ground, sanded to create roughness, and cleaned from dirt, dust, oil, and grease.

For surface cleaning, Swedish Standard SIS 05 59 00 recommends sandblasting to at least SA 1 degree.

After sandblasting, the first coat of primer should be applied immediately.

PRODUCT FEATURES	
Type	TS EN ISO 12944-5
Color	White, Gray, Oxide Red, Oxide Yellow
Appearance	Matte
Thinner	Epoxy Thinner
Solid Content by Weight (%)	80
Density	1.50 g/cm³
Consumption	80 g/m² for a 40-micron dry film per coat
Packaging	21 kg A Component + 3 kg B Component, Total 24 kg Set
Flash Point	>25 °C
Mixing Ratio	7 / 1 (A:B)
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1 hour / 25°C
Shelf Life	1 year
Recoat Time	6 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

METOKS AC 6390
SOLVENT-BASED EPOXY TOPCOAT FOR METAL SURFACES

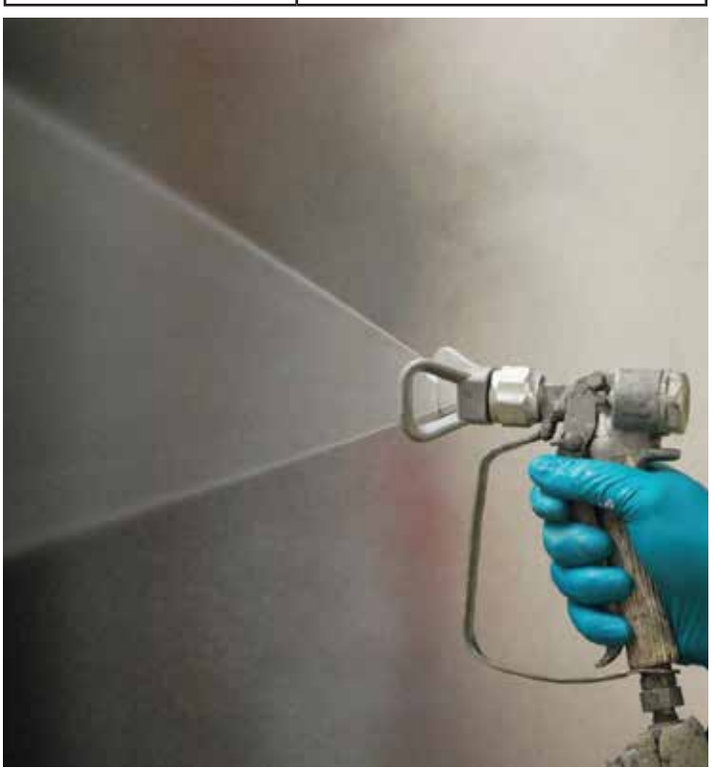
PRODUCT DESCRIPTION
Two-component, solvent-based epoxy topcoat designed for metal surfaces.
Bayındırlık Poz. No.: 25.002/03.Y

PRODUCT FEATURES	
Type	TS 11590
Color	RAL Colors
Appearance	Semi-Gloss
Thinner	Epoxy Thinner
Solid Content by Weight (%)	67
Density	1.40 g/cm³
Consumption	80 g/m² for 40 micron single coat
Packaging	20 kg Component A + 5 kg Component B, Total 25 kg set
Flash Point	>25 °C
Mixing Ratio	4 / 1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1.5–2 hours / 25°C
Shelf Life	1 year
Recoat Time	6 hours / 25°C
Drying Time	8 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Used as an epoxy topcoat on petrochemical plants, power plants, ship decks, metal components, steel constructions, and any galvanized or non-galvanized iron and steel equipment.

Surface Preparation:
- Surfaces to be primed or painted must be cleaned from all rust, mill scale, dirt, dust, oil, and grease, and mechanically roughened using suitable abrasives.
- For surface cleaning, Swedish Standard SIS 05 59 00 recommends sandblasting to at least SA 2½ degree.
- Surface roughness should be prepared with abrasives providing Medium G 30–85 microns as per ISO 8503-2.

Mixing Preparation:
A and B components must be mixed in the correct ratio using a low-speed mixer for at least 3–4 minutes until a homogeneous mixture is obtained. After mixing, the product is ready for application.



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

METAC PU 123
SOLVENT-BASED POLYURETHANE TOPCOAT FOR METAL SURFACES

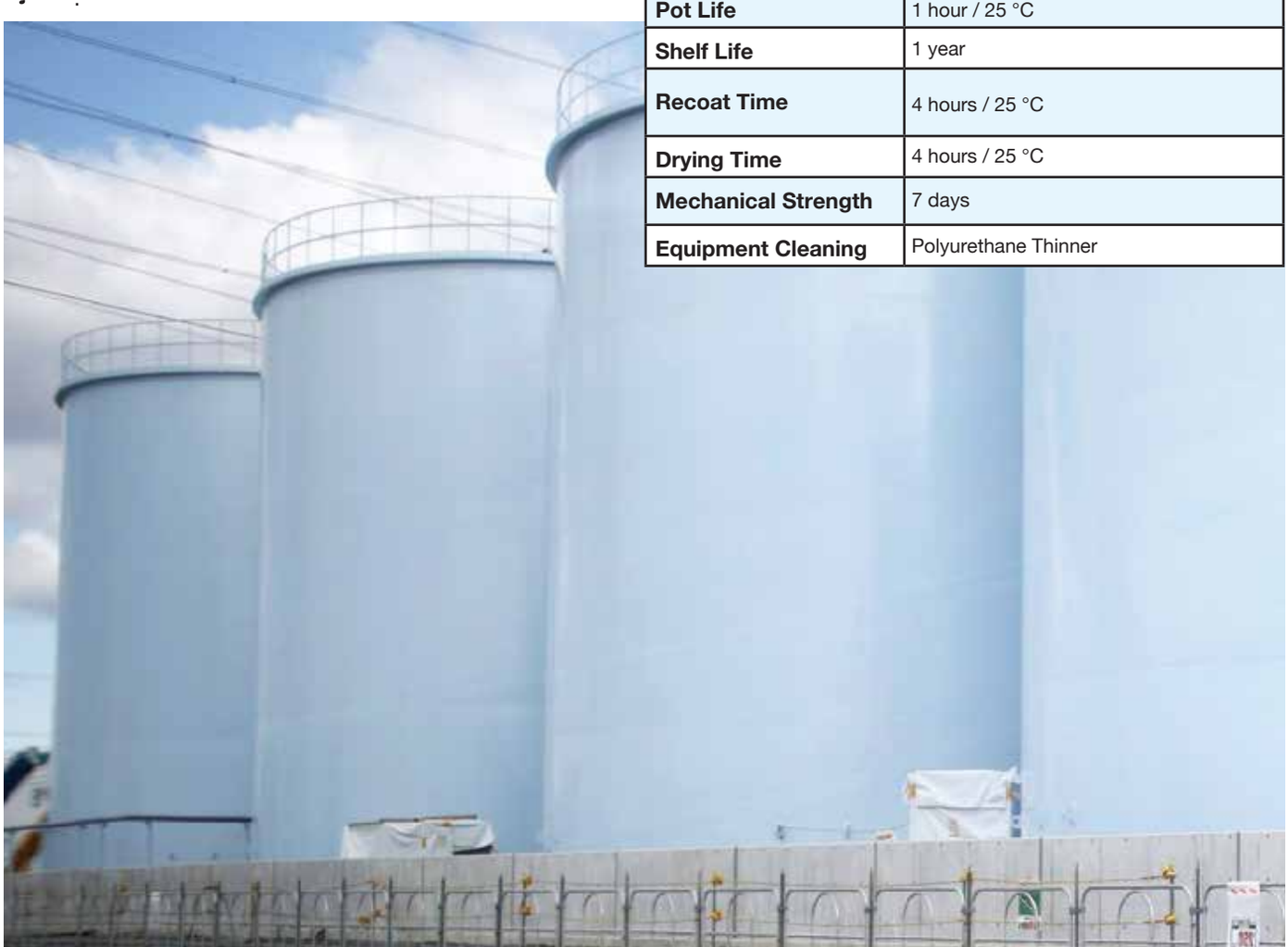
PRODUCT DESCRIPTION
Two-component acrylic polyurethane topcoat with low solvent content.

APPLICATION AREAS
Used as an anticorrosive polyurethane topcoat on all primed metal surfaces where UV resistance is required, including petrochemical plants, refineries, port facilities, fuel storage tanks, power plants, pipelines, all types of industrial vehicles, cranes, wagons, and containers.

Surface Preparation:
Before primer application, all loose particles, paint residues, oil, dirt, and dust must be completely removed. Any cracks or damaged areas should be repaired, and the surface must be properly roughened prior to application.

Mixing Preparation:
Components A and B should be mixed according to the specified ratio using a low-speed mixer for at least 3–4 minutes until a homogeneous mixture is obtained. After mixing, the product is ready for application.

PRODUCT FEATURES	
Type	TS EN ISO 12944-5
Color	RAL colors
Appearance	Semi-Matte
Thinner	Polyurethane Thinner
Solid Content by Weight (%)	70
Density	1.30 g/cm³
Consumption	70 g/m² for 40 microns in a single coat
Packaging	18 kg Component A + 2 kg Component B, Total 20 kg Set
Flash Point	>25 °C
Mixing Ratio	9/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1 hour / 25 °C
Shelf Life	1 year
Recoat Time	4 hours / 25 °C
Drying Time	4 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PROTECT PU 775
SOLVENT-BASED POLYURETHANE TRANSPARENT PROTECTIVE COATING

PRODUCT DESCRIPTION
Two-component, solvent-based aliphatic polyurethane transparent protective coating.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Appearance	Glossy
Solid Content by Weight (%)	40
Solid Content by Volume (%)	35
Density	0.97 g/cm³
Consumption	55–95 g/m² (for 20–30 micron dry film thickness)
Packaging	17.5 kg Component A + 3.5 kg Component B, Total 21 kg
Flash Point	>25 °C
Mixing Ratio	5/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1–1.5 hours at 25°C
Shelf Life	1 year
Recoat Time	2 hours at 25°C
Drying Time	6 hours at 25°C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner

APPLICATION AREAS
Used as a polyurethane transparent coating on concrete surfaces or floors previously coated with epoxy or polyurethane to protect the surface from UV rays.

Surface Preparation:
All loose particles, paint residues, oil, and dirt must be completely removed. Cracks and damaged areas should be repaired, and the surface must be properly roughened before application.

Mixing Preparation:
Components A and B should be mixed according to the specified ratio using a low-speed mixer for at least 3–4 minutes until a homogeneous mixture is obtained. After mixing, the product is ready for application.

Application Conditions:
- Surfaces must be free of moisture and dust.
- Avoid application below 10°C and in very humid environments.
- Pay attention to the mixing ratios.
- Relative humidity must not exceed 70% during application.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PROTECT PU 785
TRANSPARENT ANTI-SLIP LIQUID FLOOR COATING

PRODUCT DESCRIPTION
Two-component, solvent-based, flexible aliphatic polyurethane liquid glass transparent anti-slip floor coating with high adhesion, resistant to UV rays, harsh weather conditions, and pool chemicals.

APPLICATION AREAS
Used in factories, hospitals, hotels, swimming schools, shopping malls, schools and kindergartens, banks, food production factories, restaurants, terraces, roofs, and swimming pools with glazed or ceramic surfaces. Suitable for glass, mosaic, marble, natural stone, concrete, all types of wood surfaces, and laminated parquet floors. Ideal for areas with slip risks caused by moisture, oil, or chemical spills. Provides impact and abrasion resistance, waterproofing, and anti-slip performance on all such surfaces.

Surface Preparation:
For concrete surfaces, all loose particles, paint residues, oil, and dirt must be completely removed. Cracks and damaged areas should be repaired, and the surface must be properly roughened before application.
For glazed or ceramic surfaces, clean thoroughly from dirt, oil, and dust. Surfaces previously exposed to detergents, soap, or shampoo should be cleaned with acetone or cellulosic thinner before application.

Mixing and Application:
Components A and B should be mixed according to the specified ratio using a mixer for at least 3–4 minutes until a homogeneous mixture is obtained.
For application, the prepared mixture should be poured into a wide paint tray to ensure uniform distribution of the anti-slip aggregates and then applied with a roller in sufficient quantity to achieve consistent anti-slip performance.

PRODUCT FEATURES	
Type	TS EN ISO 12944-5
Color	RAL colors
Appearance	Semi-Matte
Thinner	Polyurethane Thinner
Solid Content by Weight (%)	70
Density	1.30 g/cm³
Anti-Slip Properties (Wet Surfaces)	25°C class (highest rating) DIN 51097
Surface Slip Resistance	Dry method: 76 (Low slip risk), Pendulum test BS 7976 Wet method: 71 (Low slip risk), Pendulum test BS 7976
Wet Dynamic Coefficient of Friction	0.85 (≥0.42 Low slip risk) ANSI B101.3
Consumption	55–95 g/m² (for 20–30 micron dry film
Packaging	1 kg Tin Can (0.890 kg Component A + 0.110 kg Component B) 4 kg Tin Gallon (3.560 kg Component A + 0.440 kg Component B)
Flash Point	>25 °C
Mixing Ratio	8 / 1
Application Methods	Brush, Roller
Pot Life	1–1.5 hours / 25°C
Shelf Life	1 year
Recoat Time	2 hours / 25°C
Drying Time	6 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Polyurethane Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV TP 1K
SINGLE-COMPONENT THERMOPLASTIC POOL AND FLOOR PAINT

PRODUCT DESCRIPTION

Single-component paint based on thermoplastic resin, resistant to water, pool chemicals, adverse weather conditions, and UV radiation. It has high colorfastness and adheres excellently to dry or slightly damp concrete surfaces without cracking or blistering. It is solvent-based, vapor-permeable, and provides high opacity.

PRODUCT FEATURES	
Type	
Color	
Appearance	
Thinner	
Solid Content by Weight (%)	
Density	
Consumption	
Packaging	
Flash Point	
Application Methods	
Shelf Life	
Recoat Time	
Drying Time	
Mechanical Strength	
Equipment Cleaning	

APPLICATION AREAS

Used on interior and exterior concrete floors, raw concrete, screed, and plastered surfaces, concrete swimming pools, decorative ornamental pools, concrete parking lot floors, and asphalt surfaces for road markings and traffic warning signs. It is suitable for canals and ponds and can be applied on all types of concrete surfaces to increase wear resistance and for decorative purposes.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

DECOFLOOR SC 330®

SOLVENT-FREE DECORATIVE TRANSPARENT EPOXY COATING

PRODUCT DESCRIPTION

Two-component, solvent-free, decorative transparent epoxy coating.

APPLICATION AREAS

Used as a transparent decorative epoxy coating with high UV resistance in 3D epoxy floor systems, on wooden surfaces, as the topcoat of terrazzo flooring systems, and on jewelry products for decorative purposes.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Appearance	Glossy
Solid Content by Weight (%)	100
Density	1.10 g/cm³
Consumption	0.300–0.500 kg/m²
Packaging	15 kg Component A + 9 kg Component B, Total 24 kg Set
Flash Point	>25 °C
Mixing Ratio	5 / 3
Pot Life	30 minutes / 25°C
Shelf Life	1 year
Waiting Time Between Coats	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

CONCRETE SURFACE PROTECTION SYSTEMS

SUPER CONCRETE LITHIUM GUARD
CONCRETE SURFACE PROTECTOR AND HARDENER

PRODUCT DESCRIPTION
A semi-gloss, nano-technology lithium silicate surface protector and hardener for all concrete surfaces, providing resistance to chemicals, impact, and abrasion, while preventing dusting.

APPLICATION AREAS
Suitable for all types of concrete and mineral surfaces, including storage areas, factories, workshops, multi-story car parks, aircraft hangars, commercial buildings, cold storage facilities, food industry factories, pharmaceutical warehouses, laboratories, and any facility with concrete flooring.

Surface Preparation:
Surfaces must be cleaned of oil, dirt, rust, dust, and any other contaminants before application. Acid-based cleaners should not be used, as they may alter the surface properties of the concrete.

PRODUCT FEATURES	
Color	Transparent
Appearance	Glossy
Thinner	Ready to use
Solid Content by Weight (%)	16
Density	1.1 g/cm³
Surface Penetration	2–8 mm
Consumption	Depending on the roughness and porosity of the surface, 100–250 g/m² per single coat.
Packaging	5 kg – 20 kg plastic jerry cans
Application Methods	Brush, roller, air-assisted or airless spray gun
Application Temperature	Should be applied at temperatures above +10 °C
Shelf Life	1 year
Drying Time	1–2 hours at 25 °C
Recoat Time	10–15 minutes without leaving product buildup (surface may appear wet or damp)
Equipment Cleaning	With water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BETOGUARD 707
CONCRETE PROTECTIVE COATING

PRODUCT DESCRIPTION
A single-component, high-penetration, transparent, wet-look polyurethane concrete protection system that prevents dusting and provides high mechanical strength.

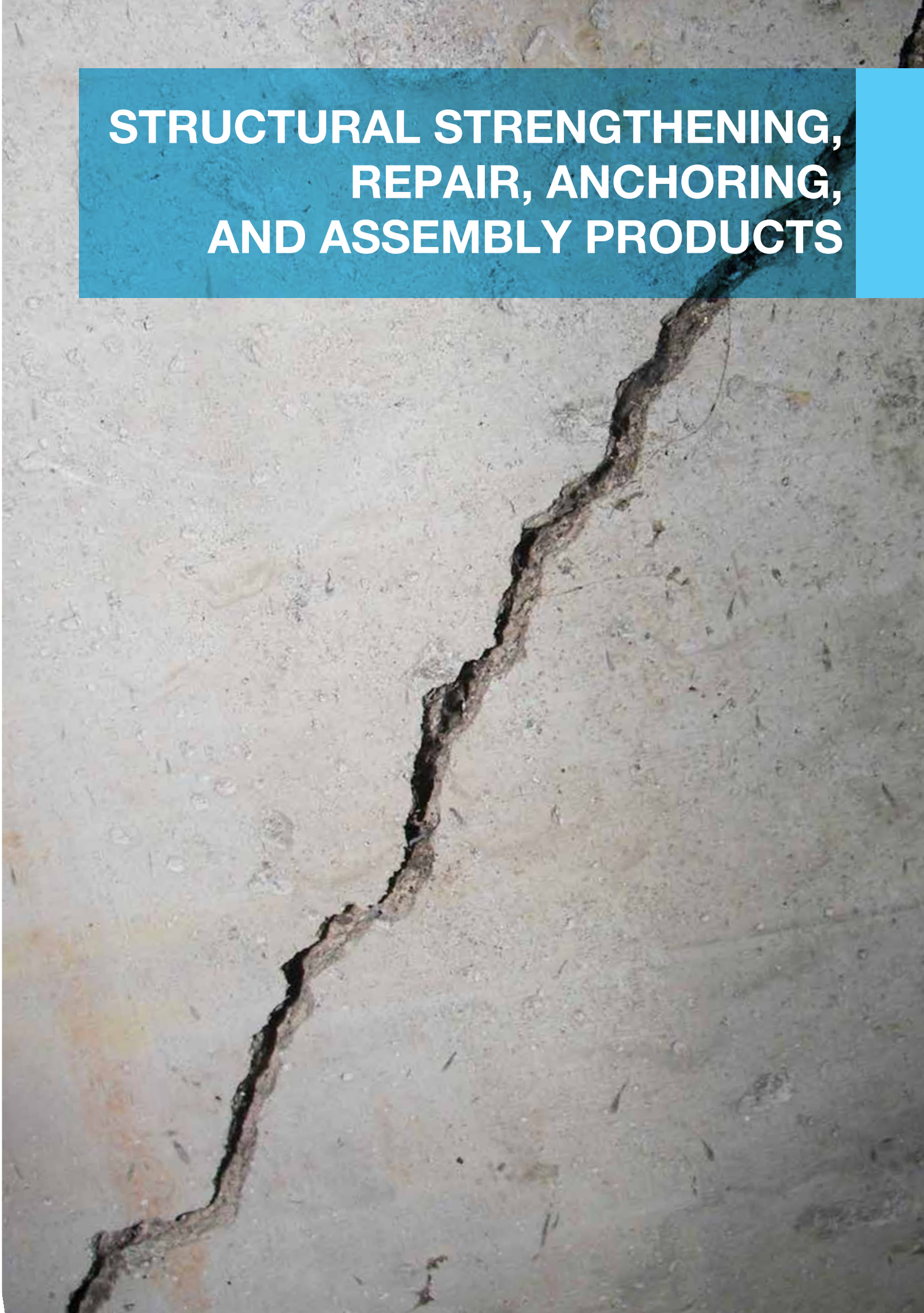
PRODUCT FEATURES	
Color	Transparent
Appearance	Glossy
Thinner	Ready to use
Density	0.95 g/cm³
Consumption	Depending on the surface roughness and porosity, 100–150 g/m² per coat
Packaging	4 kg and 15 kg metal tins
Application Methods	Brush, roller, air spray, or airless spray
Application Temperature	+5°C to +30°C
Shelf Life	1 year
Drying Time	Full cure in 24 hours
Equipment Cleaning	Cellulosic thinner

APPLICATION AREAS
- All types of old, worn, or dusty concrete surfaces.
- Newly cast concrete surfaces that have completed a 28-day curing period, whether troweled or untroweled.
- Concrete surfaces with micro-shrinkage cracks.
- Factory production areas.
- Outdoor concrete areas.
- Indoor and outdoor car parks.
- Any concrete surface requiring protection and extended service life of cement-based coatings.

Product Features:
- Ready to use and easy to apply.
- High penetration capability.
- Resistant to harsh weather conditions and harmful UV radiation.
- Silane-siloxane modified, forming a waterproof surface.
- Protects against alkaline and acidic stains.
- Creates a hard and durable surface that prevents wear.
- Provides decorative and aesthetic appearance.
- Leaves a subtle wet-look finish on the applied surface.
- Prevents dirt accumulation on concrete surfaces and creates easy-to-clean, glossy surfaces.
- Does not adversely affect the physical properties of the treated surface.
- Provides protection against light and heavy traffic, including forklifts and pallet trucks.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

STRUCTURAL STRENGTHENING, REPAIR, ANCHORING, AND ASSEMBLY PRODUCTS



BRV SC 110
EPOXY FILLER LIGHT PUTTY

PRODUCT DESCRIPTION
A two-component, solvent-free, thixotropic epoxy filler light putty.

PRODUCT FEATURES	
Type	TS EN 1504-2/April 2008 Principle 5(PR): 5.1 Physical Resistance / Surface Application: Surface Repair Coating (C)
Color	Grey
Appearance	Matte
Solid Content by Weight (%)	100
Density	0.80 g/cm³
Consumption	Varies depending on surface condition
Packaging	15 L Component A + 15 L Component B, Total 30 L 4 L Component A + 4 L Component B, Total 8 L
Flash Point	>25 °C
Mixing Ratio	1 / 1
Application Methods	Trowel, Spatula
Pot Life	30 minutes / 25 °C
Shelf Life	1 year
Recoat Time	12 hours / 25 °C
Drying Time	12 hours / 25 °C
Mechanical Strength	7 days
Sanding Time	24 hours / 25 °C
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
Used for insulation purposes on underground metal and concrete pipelines and joints in the cooling towers of power plants, for the restoration of historical buildings, in wastewater treatment plants, and for the repair of concrete pipes. It is also suitable for filling corners, cracks, and expansion joints, as well as for use on walls, ceilings, and in the production of models and molds. The product can be applied on all types of wooden surfaces where chemical resistance is required. It allows application even in humid and rainy environments and can be applied in thick layers on vertical surfaces without sagging. BRV SC 110 has high filling power and low density, enabling the filling of large volumes with low weight. After curing, it can be easily sanded, exhibits no volumetric shrinkage, and is suitable for both underwater and above-water applications. Additionally, it can be used as a leveling and structural strengthening putty before the lamination of composite materials such as carbon fiber or aramid fiber on concrete columns. On vertical surfaces, it can fill cavities up to 3–4 cm deep in a single application.

SURFACE PREPARATION
The surface must be completely cleaned of loose particles, paint residues, and any contaminants. Mechanical methods such as shot blasting or milling (blastrak or scarifying) should be used to roughen the surface, and the surface should be vacuum-cleaned to remove all dust.

MIXING PREPARATION
Components A and B should be mixed according to the specified mixing ratio until a homogeneous mixture is obtained. Once mixed, the material is ready for application.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SC 310 VISCOBOND
FLUID, SOLVENT-FREE EPOXY ANCHORING AND BONDING MORTAR

PRODUCT DESCRIPTION

Three-component, solvent-free, fluid epoxy repair, anchoring, bonding, and installation mortar. It provides excellent adhesion and mechanical strength for various structural and industrial applications.

Public Works Specification No: 04.379/H05

APPLICATION AREAS

Used for the repair, installation, and sealing of cracks, for fixing anchoring elements, and for structural reinforcement of buildings. Ideal for rebar installation on concrete surfaces, bonding of various materials such as concrete, stone, marble, and metal, and for fixing reinforcement bars. It is also used for anchoring machines to concrete floors, mounting built-in elements to concrete surfaces, and securing bolts and pins. Provides reliable performance in the installation and fixing of rails for trains, trams, and metro systems, as well as guardrails and similar structural components.

PRODUCT FEATURES	
Type	TS EN 1504-6
Color	Sand Beige
Appearance	Matte
Solid Content by Weight (%)	100
Density	1.80 g/cm³
Packaging	1 kg Component A + 0.500 kg Component B + 3.500 kg Component C - Total 5 kg Set (Component B is included within Component C)
Mixing Ratio	A/B/C = 1 / 0.500 / 3.500
Application Methods	Spatula, Trowel
Pot Life	30 minutes / 25°C
Curing Time	24 hours (+23°C, 50% RH) (Maximum mechanical, physical, and chemical resistance reached after 7 days)
Application Temperature	Minimum +8°C
Shelf Life	1 year
Adhesion to Concrete	5.32 N/mm² (21 days)
Adhesion to Metal	5.42 N/mm² (21 days)
Compressive Strength	70 N/mm² (28 days) EN 196-1
Flexural Strength	25 N/mm² (28 days) EN 196-1

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV SC 315
SOLVENT-FREE EPOXY REPAIR, ANCHORING AND MOUNTING MORTAR

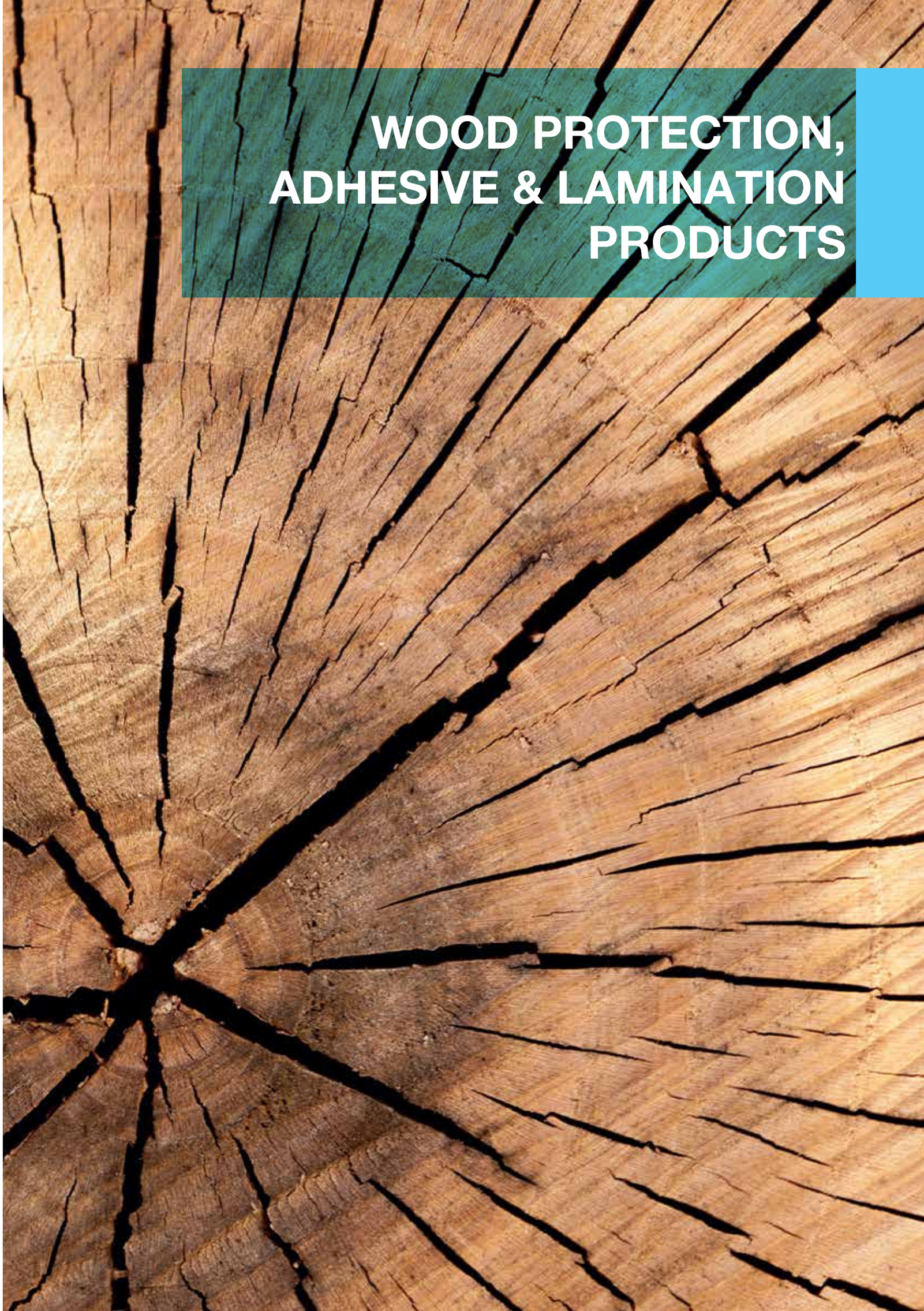
PRODUCT DESCRIPTION
Two-component, solvent-free epoxy repair, anchoring, and mounting mortar.
Public Works Specification No: 04.379/H05

PRODUCT FEATURES	
Type	TS EN 1504-6
Color	Grey
Appearance	Matte
Solid Content by Weight (%)	99
Density	1.80 g/cm³
Packaging	4.50 kg Component A + 1.50 kg Component B, Total 6 kg Set
Mixing Ratio	3 / 1
Application Methods	Spatula, Trowel
Pot Life	50 minutes / 25°C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25°C
Flexural Strength	at 20°C min. 30–40 N/mm² (10 days)
Elastic Modulus	4,300 N/mm²
Adhesion Strength (to steel)	15 N/mm² (10 days)
Adhesive strength on steel	4 N/mm² (10 days)
Compressive Strength	at 20°C min. 60–70 N/mm² (10 days)

APPLICATION AREAS
Used for crack repair, installation, and insulation works, fixing anchoring elements, bonding ceramic, metal, steel, and concrete parts, bonding expansion joints, rebar anchoring, and structural reinforcement areas before carbon and aramid fiber lamination.

ADVANTAGES
- Solvent-free.
- Easy to use.
- Applicable on vertical surfaces without sagging.
- Excellent adhesion to metal, steel, and concrete.
- Chemical resistance.
- Mechanical strength.
- Provides strong adhesion between metal and concrete.
- During rebar installation, easily adheres to the steel and provides anticorrosive protection.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr



WOOD PROTECTION, ADHESIVE & LAMINATION PRODUCTS

BRV SC 102
EPOXY WOOD ADHESIVE

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy wood adhesive.

PRODUCT FEATURES	
Type	TS EN 12004 (System 3)
Color	Blurry
Appearance	Matte
Solid Content by Weight (%)	100
Density	1.20 g/cm³
Consumption	0.400 – 0.600 kg/m²
Packaging	15 kg Component A + 15 kg Component B, Total 30 kg
Flash Point	>25 °C
Mixing Ratio	1/1
Application Methods	Brush, Roller, Spatula
Pot Life	30 minutes / 25 °C
Shelf Life	1 year
Overcoating Time	12 hours / 25 °C
Curing Time	12 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
It is used for bonding wood to concrete, wood to wood, and wood to metal, as well as for wood lamination processes. BRV SC 102 also demonstrates adhesion performance on moist surfaces.

Surface Preparation:
Surfaces should be abraded with 80–120 grit sandpaper and wiped with cleaning thinner. Oily woods must be thoroughly wiped with acetone before bonding. Allow solvents to fully evaporate before starting the bonding process. If lamination is to be performed on concrete, the surface should be roughened using a Blastrac or diamond grinder, then primed with SC 092 Epoxy Adhesion Bridge before proceeding with bonding and lamination.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

BRV SC 105
EPOXY FIBER LAMINATION RESIN

PRODUCT DESCRIPTION
Two-component, solvent-free epoxy lamination resin. It allows work in even moist environments, has high fiber wetting ability and adhesion, and does not sag on vertical surfaces.

APPLICATION AREAS
Used in concrete, wood, metal, and composite fiber lamination applications.

SURFACE PREPARATION
- Concrete surfaces should be roughened with blastrac or diamond grinder.
- For concrete surfaces, prime with SC 215 solvent-free epoxy primer; for wood surfaces, prime with SC 092 epoxy bonding bridge before lamination.
- Other surfaces should be sanded appropriately and cleaned with cleaning thinner to remove oil and dust.

MIXING PREPARATION
The A and B components should be mixed in the correct ratios using a low-speed mixer for at least 3-4 minutes until a homogeneous mixture is obtained. The mixture is then ready for application.
- Avoid application below 5 °C.
- Pay attention to the mixing ratio.
- Can be applied in cross layers to build form in the body.

PRODUCT FEATURES	
Type	ASTM D 2344 / D 2344 M : 00 (2006)
Color	Blurry
Appearance	Matte
Solid Content by Weight (%)	100
Density	1.10 g/cm³
Consumption	0.400 – 0.600 kg/m²
Packaging	15 kg Component A + 15 kg Component B, Total 30 kg
Flash Point	>25 °C
Mixing Ratio	1/1
Application Methods	Brush, Roller, Trowel
Pot Life	30 minutes / 25 °C
Shelf Life	1 year
Recoat Time	12 hours / 25°C
Drying Time	12 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

PROTECT AC 875
EPOXY MATTE VARNISH

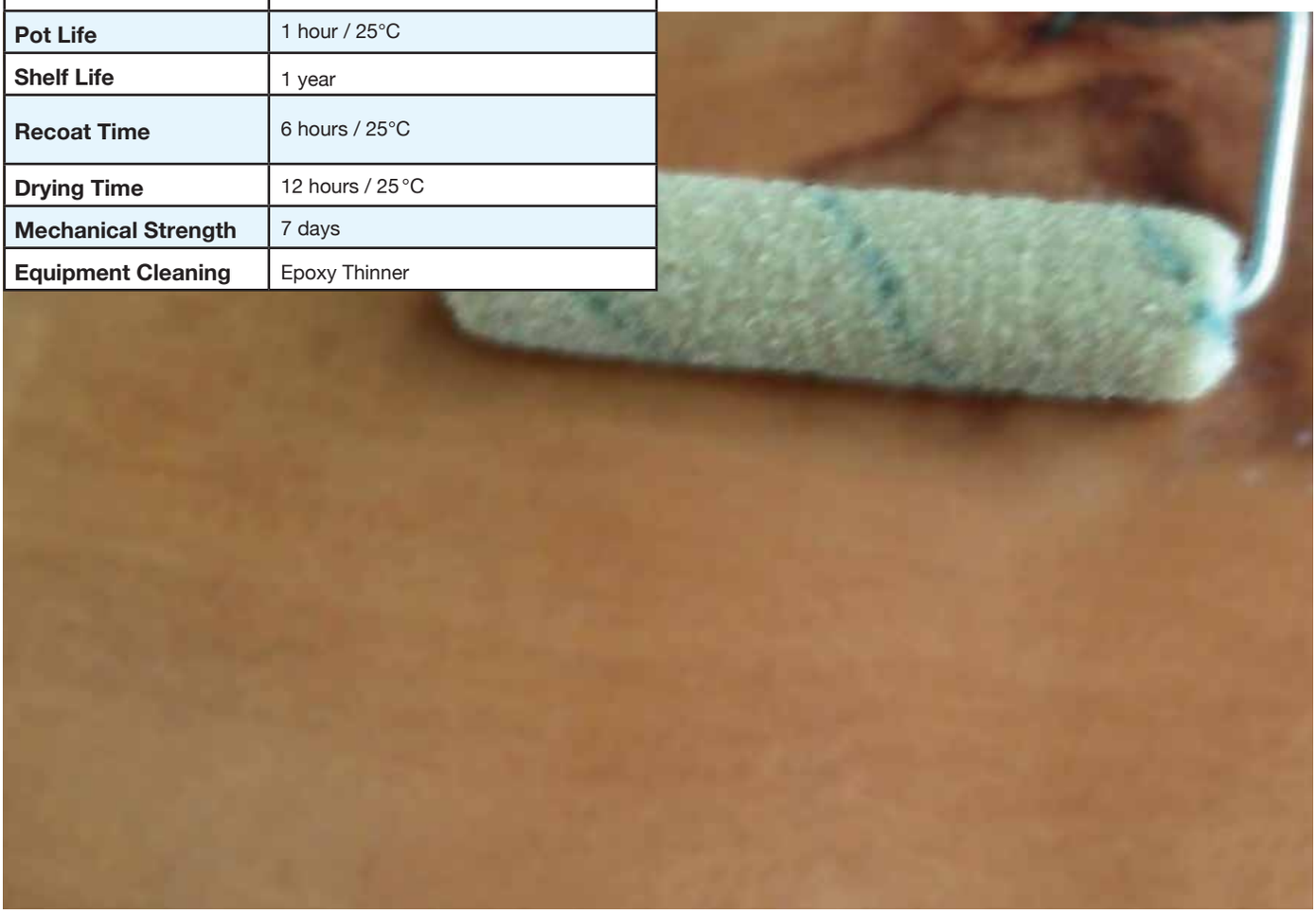
PRODUCT DESCRIPTION
Used on wood, concrete, natural stone, and metal surfaces.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Appearance	Matte
Thinner	Epoxy Thinner
Solid Content by Weight (%)	40
Density	1.0 g/cm³
Consumption	80 g/m² for 30 micron single coat
Packaging	14 kg Component A + 7 kg Component B, Total 21 kg)
Flash Point	>25 °C
Mixing Ratio	2/1
Application Methods	Brush, Roller, Air Spray, Airless Spray
Pot Life	1 hour / 25°C
Shelf Life	1 year
Recoat Time	6 hours / 25°C
Drying Time	12 hours / 25 °C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

APPLICATION AREAS
The surface to be applied must be cleaned with acetone and free from oil and dust.

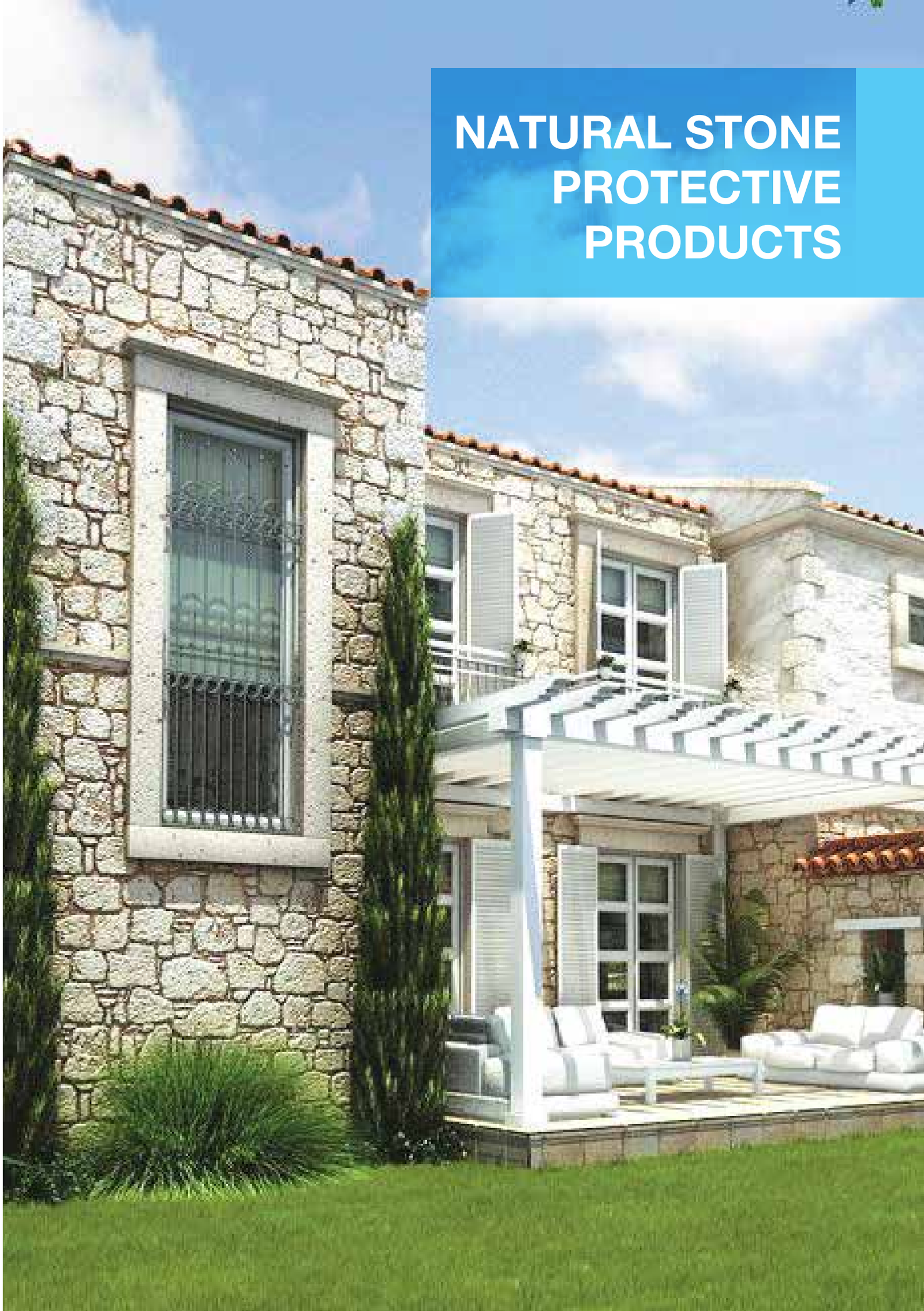
MIXING PREPARATION
The A and B components should be mixed in the correct ratios using a low-speed mixer for at least 3-4 minutes until a homogeneous mixture is obtained. The mixture is then ready for application.

APPLICATION CONDITIONS
Avoid application below 10 °C and in very humid environments.



Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

NATURAL STONE PROTECTIVE PRODUCTS



SEAL TK 055

UV RESISTANT SOLVENT-BASED CONCRETE AND NATURAL STONE PROTECTIVE COATING

PRODUCT DESCRIPTION

Single-component, high-penetration, silane-siloxane modified, solvent-based, transparent polyurethane protective coating for concrete and natural stone.

Public Works Specification No: 04.559/02

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Appearance	Glossy
Thinner	Ready to use; if needed, can be thinned with polyurethane thinner
Density	0.95 g/cm³
Consumption	Depending on surface roughness and porosity, 50–200 g/m² per single coat
Packaging	4 L and 15 L tin cans
Application Methods	Brush, roller, pneumatic or airless spray gun (nozzle size 11–13)
Application Temperature	+5 °C – +30 °C
Shelf Life	1 year
Drying Time	Full cure in 24 hours
Equipment Cleaning	Polyurethane thinner

APPLICATION AREAS

Suitable for all types of concrete and mineral surfaces, mosaic surfaces, and natural stones such as marble, travertine, slate, granite, and both synthetic and natural stone pavings.

ADVANTAGES

- Easy to apply
- High penetration capability
- Resistant to UV radiation
- Waterproof
- Protects against alkali and acidic stains (e.g., tea, coffee, ketchup, mayonnaise, cola, etc.)
- Forms a hard and durable surface, preventing surface wear
- Provides a decorative and aesthetic appearance
- Creates a slightly wet look on the applied surface

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SEAL TK 075
WATER-BASED UV-RESISTANT NATURAL STONE PROTECTIVE COATING

PRODUCT DESCRIPTION
Single-component, alkyl alkoxysilane-based, high penetration, water-based transparent protective coating for concrete and natural stone.
Public Works Specification No: 04.559/01

APPLICATION AREAS
All types of concrete and mineral surfaces, mosaic surfaces, natural stones (marble, travertine, slate, granite, synthetic and natural stone pavements).

ADVANTAGES
- Easy to apply
- High penetration capability
- UV resistant
- Waterproof
- Can be applied on damp surfaces
- Reduces efflorescence, moss, and dirt formation on concrete surfaces
- Protects against alkali and acidic stain-forming substances (tea, coffee, ketchup, mayonnaise, cola, etc.)
- Provides antibacterial effect, creating a hygienic surface
- Forms a hard and durable surface, preventing abrasion
- Creates a decorative and aesthetic appearance

Provides a slight wet-look finish on the treated surface
- Low VOC content

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	White-Turns Transparent Upon Application
Appearance	Glossy
Thinner	Ready to use
Density	1.02 g/cm³
Solid Content by weight (%)	20
Chloride Penetration (in concrete)	7%
Water Absorption Test (in concrete)	5–8%
Flash Point ASTM D 3278-82	> 90°C
Consumption	Depending on surface roughness and porosity, 0.100–0.250 kg/m² per single coat
Packaging	5 L – 20 L
Application Methods	Brush, roller, spray gun (air-assisted), airless spray gun
Uygulama Sıcaklığı	Application Temperature
Shelf Life	1 year
Drying Time	24 hours / 25 °C
Equipment Cleaning	Water

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

SEAL TK 090
SILANE-BASED CONCRETE AND NATURAL STONE PROTECTOR

PRODUCT DESCRIPTION
Single-component, high-penetration, silane-siloxane-based transparent concrete and natural stone protector.

PRODUCT FEATURES	
Type	TS EN 1504-2 / April 2008 Principle 5 (PR): 5.1 Physical Resistance / Surface Improvement Coating Application (C)
Color	Transparent
Thinner	Ready to use
Density	0.85 g/cm³
Consumption	Depending on the roughness and absorption of the natural stone surface, 100–250 g/m² per single coat
Packaging	4 L – 15 L
Application Method	Brush, roller, air-assisted spray, airless spray
Application Temperature	+5 °C – +30 °C
Shelf Life	1 year
Recoat Time	30–40 minutes at 25 °C
Drying Time	24 hours at 25 °C
Full Protection and Waterproofing	7 days
Equipment Cleaning	Synthetic thinner

APPLICATION AREAS
All types of concrete and mineral surfaces, mosaic surfaces, natural stones (marble, travertine, slate, granite, synthetic and natural stone pavings).
ADVANTAGES
- Easy to apply.
- High penetration capability.
- Resistant to UV rays.
- Provides water and oil repellency.
- Protects against alkali and acidic staining substances (tea, coffee, ketchup, mayonnaise, cola, etc.).
- Prevents efflorescence on the treated surface.
- Does not alter the color of natural stone.
- Does not form a film layer on the surface, allowing vapor diffusion.
- Easy to clean.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

THINNERS

THINSOL AC 055
EPOXY THINNER

PRODUCT DESCRIPTION
Epoxy thinner.

PRODUCT FEATURES	
Color	Transparent
Appearance	Liquid
Specific Gravity	0.88 g/cm³
Packaging	5 L – 15 L
Shelf Life	1 year
Flash Point	25 °C (Setaflash)

APPLICATION AREAS
- Solvent-based epoxy systems.
- Not used as a thinner in solvent-free epoxy systems; only for cleaning purposes.

SAFETY
This product is for professional use only. Pay attention to the safety warnings on the packaging before use. Consult the Material Safety Data Sheet (MSDS) if necessary. Do not inhale. Avoid skin and eye contact. Do not ingest. Use appropriate personal protective equipment. Take necessary precautions against fire, explosion, and environmental contamination. Apply in well-ventilated areas.

TRANSPORT AND STORAGE
- Store the product between 5–35°C.
- Avoid direct sunlight exposure.
- Keep opened product in its original container with the cap tightly closed.

NOTE
BRV reserves the right to make improvements or revisions to the product and this technical document over time. This Technical Data Sheet invalidates any previous versions and is valid for 5 years. Users should ensure they have the most current version, contacting our company if necessary. It is the applicator's responsibility to ensure proper usage and validity of application methods and conditions. BRV Epoxy Paint does not accept any liability for improper use, accidents, direct or indirect damages, or losses arising from not applying the products as recommended.

Note: For detailed technical information about the product, you can visit our website at www.brv.com.tr

THINSOL PU 012
POLYURETHANE THINNER

PRODUCT DESCRIPTION
Polyurethane thinner.

PRODUCT FEATURES	
Color	Transparent
Appearance	Liquid
Specific Gravity	0.88 g/cm³
Packaging	5 liters – 15 liters
Shelf Life	1 year
Flash Point	25 °C (Setaflash)

APPLICATION AREAS
- Used as a thinner for solvent-based polyurethane systems.
- Not used as a thinner in solvent-free polyurethane systems; only for cleaning purposes.

SAFETY
This product is for professional use only. Pay attention to the safety warnings on the packaging before use. Consult the Material Safety Data Sheet (MSDS) if necessary. Do not inhale. Avoid skin and eye contact. Do not ingest. Use appropriate personal protective equipment. Take necessary precautions against fire, explosion, and environmental contamination. Apply in well-ventilated areas.

TRANSPORT AND STORAGE
- Store the product between 5–35°C.
- Avoid direct sunlight exposure.
- Keep opened product in its original container with the cap tightly closed.

NOTE
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SC 650 ST
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SELF LEVELING
ZEMİN KAPLAMASI
(A) BİLEŞENİ
BRV
Power silH
DIŞ CEPHE
YALITIM KAPLAMASI
BRV
Fire Stop
PAINT
SU BAZLI
ALEV GECİKTİRİCİ BOYA
BRV
SC 620
SOLVENTSİZ TEKSTÜRLÜ
EPOKSİ SON KAT
(A) BİLEŞENİ
BRV
SC 315
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AKRİLİK MORTAR
SU YALITIM
BRV
THINSOL PU 012
POLİÜRETAN TİNER
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