

Product information

BBEP759

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2017 Version

BestBond EP759

Bonding Agent, Epoxy based, two components, high strength

Description:	BestBond EP759 is a water-based epoxy bonding agent, two components, used to bond the surface of natural stone, artificial stone, or old concrete with a surface coating of cement-based, cement-polymer, modified cement-epoxy for finishing works, renewing surface flatness or moisture-proofing, water-proofing,
Uses:	BestBond EP759 is applied in special cases of moist areas, newly poured concrete (after 24 hours), or areas that can not be dry, moisture can not prevent effects such as the bottom, wall of basements, reservoirs, ditches, pools, the floor of an old factory, warehouse, garage,
Advantages:	 High bonding to all surfaces with high humidity or water standing; High permeability should be able to penetrate deep inside material; High erosion resistance, chemical resistance, abrasion resistance; Easy to apply by available tools such as brush, short roller, and pressure sprayer; Non-toxic, friendly to the environment.

SPECIFICATION

Package:	5; 25 kg/set.
Shelf life:	12 months from the date of manufacturing in unopened conditions.
Supply form:	Viscosity liquid.
Color:	<i>Part A:</i> Milky white liquid; <i>Part B:</i> Light yellow liquid <i>Part A+B:</i> Transparent amber after curing
Density (25°C):	<i>Part A:</i> 1.10 ± 0.01 kg/liter; <i>Part B:</i> 1.04 ± 0.01 kg/liter; <i>Part A+B:</i> 1.05 ± 0.01 kg/liter.
Bonding strength:	≥ 1.5 N/mm² (concrete failure).
Consumption:	$0.15 \div 0.25 \text{ kg/m}^2$ for each layer (Depending on the surface conditions)
Application temperature:	Min.: + 15°C (Above dew point at least 5°C) Max.: + 35°C (Maximum permissible relative humidity: 80%)
Mechanical and chemical properties:	Improve bonding to the moisture surface material; Erosion resistance, chemical resistance, moisture resistance.
Mixing ratio:	Part A : Part B = 1:4 (by weight)

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Pot life:

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Ambient temp	erature	+20°C	+25°C	+30°C	+35° <mark>C</mark>	
Pot life		360 min	300 min	240 min	180 mi <mark>n</mark>	
nterval time				-		
Ambient temperature		+20°C	+25°C	+30°C	+35°C	
Interval time between two layer: Minimum		90 min	75 min	60 min	45 min	
	Maximum	180 min	150 min	120 min	90 min	
NSTALLATIO	N					
Bonding system:	In the case of strongly abs In the case of compact and In the case of a smooth flo with fresh water.	d average roug	hness surface	: 0.15 ÷ 0.20 k	g/m².	
Surface conditions	The surface should be met the minium strength (Compressive strength: \ge 20 MPa Tensile strength: \ge 1.5 MPa) The surface is flat, compact, and no contains free water, sweating areas should be dried by clean rags. Impurities, broken, dust, grease, and mold must be free.					
Mixing:	Pour part A into part B, use a stirring with slow speed (300 ÷ 400 rpm) to mix unt homogenous mixture, leave the mixture about 05 minutes and mix again before applying.					
Application:	Use a pressure sprayer, short roller, or a hard brush to apply a mixture of BestBond EP759 on whole the surface with rate as a requirement (depending on the surface conditions). Before applying the next material layer, should wait for the appearance of the layer becomes transparent status (but still wet). <u>Notice:</u> If the bonding layer of BestBond EP759 is dry (not sticky), must apply again new layer before applying further coatings to ensure the bonding strength between them. Do not use material that is out of application time.					
Cleaning:	Clean tools, and equipm			detergent b		
	hardening.	ent with clea	n water and	detergent b	efore produ	
Safety:		ess and nonfla an allergy to se handling the pr ct to the eyes,	mmable. ensitive skin if roduct.	the contact in	prolonging t	

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