



BestCoat EP607

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Self-leveling epoxy, high strength, two components

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
PHỤ GIA BÉ TÔNG, XI MÀNG - HÓA CHẤT CHỐNG THẤM - VỮA RỐT RỐT KHÔNG CO NGÓT - NÉN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIỆN ★ CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - SEALING - BONDING - REPAIRING - PROTECTING - FINISHING

Description:	BestCoat EP607 is a two-component, non-solvent, self-leveling epoxy coating. It is based on 100% pure epoxy with mineral silicate and selective additives.
Recommended for:	BestCoat EP607 is applicable to concrete or metal floors with high requirements : <ul style="list-style-type: none"> • Sterile rooms, operating rooms, laboratories... • Pharmaceutical or veterinary medicine factory... • Food, brewery, aquatic or agricultural factory... • Electronic, computer, optics and accurate assembly plants... • Chemical, insecticide factories, • Kitchen rooms, Kindergardent ...
Advantages:	<ul style="list-style-type: none"> • Low viscosity, high self-leveling and gloss • Allow application with thickness about 1.0 mm. • Meet the requirement of standard: GMP, HACCP. • Resistance to chemical, impaction, mechanical abrasion and heavy load bearing. • Easy to clean, wash, repair...while using. • Friendly to environment.
Technical Data:	
Package:	36 kg/set
Shelf life:	12 months from manufactured date (In original, unopened package)
Color:	White, Yellow, Green, Blue, Grey, are available (optional on requested)
Solid content:	100 %
Density:	1.60 ± 0.05 kg/liter at 25°C (depend on color).
Aggregate size:	D _{max} : 75 µm
Flowability:	d ≥ 200 mm
Consumption:	1.60 kg/m ² /mm thickness.
Application temperature:	Minimum: 15°C (above dew point temperature of 5°C) Maximum: 35°C Relative humidity ≤ 80%
Mixing ratio:	Part A : Part B = 7 : 1 (by weight)

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Pot-life:

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot-life (Minute)	90	65	40	30

Curing time:

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Walk - ability (Hr)	48	40	24	18
Full cure (Day)	07	07	07	07

Strength: (curing after 7 days @ 30°C)

Compressive strength (MPa)	≥ 70	Flexural strength (MPa)	≥ 35
Tensile strength (MPa)	≥ 25	Bonding strength (MPa)	Concrete failure
Shore hardness D	≥ 70	Elongation (%)	≥ 0.5

Chemical resistance: (percent weight gained after immersion 20°C):

Time	H ₂ O	10% NaCl	10% CH ₃ COOH	10% H ₂ SO ₄	10% NaOH	CH ₃ OH
01 day	0.01	0.02	0.50	0.10	0.01	2.00
07 days	0.05	0.04	1.50	0.30	0.04	4.20

Application:

- Coating system:** 01 primer layer of BestPrimer EP601, BestPrimer EP602 or BestPrimer EP603.
01 self-levelling layer of BestCoat EP607 with the thickness as design required.
- Substrate requirement:** To concrete surface: Compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa. Surface should be flat, solid, dry. The cracks, defective location must be treated, repaired, patched as required.
Impurities, broken pieces, dirt, grease ... must be cleaned completely.
- Mixing:** Pour part B into part A with the correct ratio. Use an electric mixer or special blender at low speed (300÷400 rpm) to mix material about 03 minutes or longer until material is homogeneous.
Note: If need to split quantity of material, should stir part A before weight.
- Application:** Pour the mixed mixture onto the corresponding surface area to each parallel rows with width 200 ÷ 300 mm, using a jagged scraper to spread out materials according to the thicknes required. Using a notched roller to support the leveling and get rid of air bubbles.
Note: While the mixture is not hardening, the application space should be no dust, avoid insects.
- Cleaning:** Clean tools, equipments with dry cloth and BestThinner SC01 before hardening.
- Safety:** Product is non toxic, non flammable. However, this product can be allergic to skin, therefore should be prevented from direct contact to skin. It is advised to wear comforter, gloves, protective glasses while handling the product.
In case of accidental eye contact, wash with fresh water and seek medical advice immediately.
- Disclaimer:** *The technical information and application instruction in documents of BESTMIX based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change features of our product, user must always refer the latest technology product.*

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