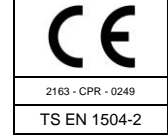




Technical Data Sheet

BAYCOLASTIC-RC560

Two component, elastic, solvent-free, suitable for potable water, polyurethane based waterproofing material



Description:

BAYCOLASTIC-RC560 is a two component, solvent-free, polyurethane waterproofing material,

Areas of Application:

BAYCOLASTIC-RC560 can be used to waterproof;

- Potable Water Reservoirs BS 6920 CERTIFIED
- Rooftops and car parks,
- Verandas and balconies,
- Bathrooms,
- Light roofing made of metal or fibrous cement,
- asphalt membranes,
- EPDM membranes,
- bridge platforms.

Properties/Advantages:

- The product produces an elastic strong film with excellent adhesion to different surfaces.
- Apply with brush, roller or airless spray in two coats with minimum total consumption of 2 – 2,5 kg/m².
- The product is based on pure elastomeric hydrophobic polyurethane resin plus special inorganic fillers, which result in excellent mechanical, chemical, thermal and natural element resistance properties.

Technical Data:

Chemical base: polyurethane based resin

Density (A+B): 1,50 - 1,60 g/cm³

Solids Content: %100

Bond strength to concrete: >2 MPa (TS EN 1542)

Elongation at break: ~ 200% at 23°C (TS EN ISO 527-2)

Temperature: 10°C - 35°C

Cure Time: 7 days.

Pot Life: 30 minutes. (at 20°C)

Tensile strength

at break: >2 N/mm² at 23°C
(TS EN ISO 527-2)

Conditions: 20°C, %50 relative humidity.

Packaging:

25 kg set. (21,5 kg + 3,5 kg resin) metal cans.

Storage:

Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-30°C. Once a can has been opened, use as soon as possible.

Surface Preparation:

Clean the surface using jet water, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed. Fill surface irregularities with the necessary product. Concrete substrates must have minimum standards as follows:

Product Preparation:

Before application, mix the A and B component with a proper mixer. Mix it with for 3-5 minutes with underspeed until you have a homogen mix.

Method of Application:

Priming:

At dry porosity substrates apply BAYCOFLOOR-EP1260/-1261 following the guidelines according Technical Data Sheet.

At humid substrates apply BAYCOFLOOR-EP1240 following the guidelines according Technical Data Sheet.

If there is a negative pressure situation apply a two component, epoxy based primer.

Material Application:

Apply the material with roller or brush in two or three coats with a 2 – 2,5 kg/m² total consumption. Second or third coat application should be after 12-72 hours. Do not leave more than 48 hours between coats.

AB-SCHOMBURG YAPI KİMYASALLARI A.Ş.
19 Mayıs Mah. Turapoğlu Sok.
Hamdiye Yazgan İş Merk. No.4/8
34736 KOZYATAĞI - İSTANBUL
Tel : +90-216-302 71 31/-32
Fax : +90-216-302 70 01
e-mail : info@ab-schomburg.com.tr
Web : www.ab-schomburg.com.tr
Web : www.schomburg.com



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Cleaning: Clean tools and equipment first with paper towels and then using acetone or pure xylene.

Health and Safety:

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Please refer to MSDS for details.