



BAYCOTECH-COLD®

Polyurea-based, highly elastic, cold applied, waterproofing coating

Description:

Two component, polyurea based , cold applied, fast curing waterproofing material. BAYCOTECH-COLD has a high mechanical and chemical resistance.

Areas of application:

- Balconies, roofs
- Concrete structures
- Carparks
- Water tanks
- Tunnels

Properties/Advantages:

- Highly elastic
- Excellent crack bridging performance
- Roller applied
- Low temperature application
- No need for spray machine
- Extremely rapid setting
- High resistance to chemicals
- Easy to repair
- Resistant to weathering

Technical data:

Mixed ratio (A:B) : 100: 6 (by weight)

Density : 1,30 – 1,40 gr/cm³

Basis : Polyurea

Colour : Gray, tile red

Viscosity : ~5000 cP

Application temperature : between +5 °C +30 °C

Surface moisture : < %4

Relative humidity : < %85

Tensile strength : ≥ 5 N/mm²

Elongation at break : ≥ % 250

Dry time : 2-3 hours (23 °C)

Pot life : 45 min (+ 23°C)

Consumption : 1,5 – 2,00 kg/m²

UV resistance: Colour change

Packaging:

26,5 kg set metal can

25 kg A-Component + 1,5 kg B-Component

Shelf Life:

6 month in the original unopened packaging when stored dry at a room temperature of +15°C to +25°C.

Surface Preparation:

Concrete/steel reinforced concrete or otherwise, fibrous cement, mosaic, cement roof tiles, old (but well adhered) acrylic and asphalt coats, wood, corroded metal, galvanized steel. For information about other substrates, please contact our tech department.

Concrete substrate conditions (standard):

Hardness: R28 = 15 Mpa.

Humidity: W < 10%.

Concrete quality: min. C 20 / 25

Relative humidity: < 85%.

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Technical Data Sheet

Application:

Clean the substrate using a high-pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes must also be removed. Surface irregularities should also be filled.,

- Apply with roller, brush or a in one or two coats.
Do not exceed 48 hours between coats.

Important notice:

If resistance to UV rays is needed, the product should be coated with a UV resistant aliphatic top coat (BAYCOFLOOR-PU2340). It is advised to protect the coating.

Cleaning:

Clean tools and equipment first with paper and then using solvent. Rollers will not be reusable.

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. Keep in mind that solvents are heavier than air so they float near the floor. The MSDS (Material Safety Data Sheet) is available on request.