

Isonit Thermal Roofcoating



Product description:



Isonit Thermal is roofpaint containing hollow microspheres, which provides an insulating effect to the surface. Can be used for mineral surfaces such as concrete tiles, fibercement and others. Isonit Thermal provides good covering, hydrophobic properties and dirt resistance to the surface.

Use and application:



The surface must be cleaned with Iso A-Clean and when dry, Isonit Thermal is applied in 2 steps.

- 1) Isonit Thermal is diluted with up to 20% water and applied.
- 2) Isonit Thermal is applied undiluted.

Recommendation: Always make a test coat to ensure the compatibility of product and surface.

Technical Data:



Composition: Waterbased polyurethane modified acrylic.
Colours: Anthracite, mocha, tile red, dark brown and maroon.
Density: 1,10-1,2 g/ml
Dry content: appr. 50 w/w% and 45 w/v%
Gloss: <5
Spreading rate: 4-6 appr. m²/l
Dilution: max 20 % water
Drying time: 1-2 hours by 20°C and 60% RH.
Application conditions: The temperature must be 5- 30 °C and max. 80% RH (humidity)
Application method: brush, roller or airless spray
Cleaning: water
VOC: max. 40 g/l (Cat. A/c)

Storage: Cool, but free of frost in closed containers and out the reach of children.

Benefits

How we meet and exceed norms

Adhesive strength in accordance with DIN EN ISO 4624
- assessed as very good

Elongation at tear / Tensile strength in accordance with DIN 53 504
- assessed as highly elastic, 197%

Water vapour permeability in accordance with DIN EN ISO 7783-2
- assessed as very good

Water permeability in accordance with DIN EN ISO 1062-3
- assessed as good

Short and outdoor weathering exposure in accordance with DIN EN ISO 4892-3, DIN 53 166 and DIN EN ISO 2810 - No change in durability and negligible changes in shine and colour.
- assessed as very good

Resistance against flying embers, sparks and radiating heat in accordance DIN 4102 Part 7
- assessed as ok

Has passed the weather test against sun, cold, rain and wind with ISO 11341-A:2004
- Estimated to be very flexible

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