

# Isonit<sup>®</sup> Roofcoating

Gl. 12 – mat, Gl.20 – satin, Gl 50 - semi gloss and Gl 80 - gloss



## Product description



Isonit Roofcoating is based on nanopolyurethane optimized acrylic polymers which show lasting flexibility, waterrepellency, breathability, UV-resistance and fast drying. Isonit is also easy to apply, has good adhesion to the surface and provides your roof with a nice and clean look for years to come. By sunshine Isonit is also suitable, if needed you can dilute with 10% water also for the second application.

## Use



Before using Isonit the surface must be cleaned using Iso A-Clean and a low pressure water cleaner. If the surface is in poor condition it is necessary to use Isonit Construction as a primer to rebuild it before painting. The roof must be dry and the weather stable without any forecast about rain or showers. Isonit is applied in 2 steps:

1. layer diluted with up to 20% water
2. layer undiluted.

After 1-6 hours, the second application can be made, depending on temperature and humidity. Isonit roof coatings can be used on roofs of cement, fiber cement, steel plates and concrete tiles.

Isonit can be used on surfaces such as concrete, fibercement, tiles and rustprotected steel.

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

## Technical data



**Composition:** Nanopolyurethane optimized acrylic polymers in combination with UV-stable pigments. **Colours:** Black, anthracite grey, anthracite grey dark, light grey, slate grey, oxide red, Swedish red, red brown, mocha, bordeaux red, tile red and blue black. **Density:** 1,15 g/ml. **Dry content:** Appr. 50 w/w% and 45 w/v%. **Gloss:** 12 –mat, 20-satin, 50 semi gloss. 80- gloss. **Spreading rate:** Appr. 3-6 m<sup>2</sup>/l. **Dilution:** Water max 20%. **Drying time:** 1-2 hours by 20°C and 60% RH. **Repaintable:** 1-6 hours. **Application conditions:** The temperature must be 5°C - 30 °C and max. 80% RH. **Application method:** brush, roller 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. **Certified:** Has passed the accelerated weatheringtest against sun and moisture ISO 11341-A:2004.

## Certified

How we meet and exceed norms

**Adhesive strength according to DIN EN ISO 4624 – assessed as very good**

**Elongation at tear / Tensile strength according to DIN 53 504 – assessed as highly elastic, 197%**

**Water vapour permeability according to DIN EN ISO 7783-2 – assessed as very good**

**Water permeability according to DIN EN ISO 1062-3 – assessed as good**

**Short and outdoor weathering exposure according to 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 to 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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