



DF 9

DF 9 ACRYLIC BASED WET ROOM WATERPROOFING, it is an elastomeric resin based, solvent free, one component acrylic polymer based waterproofing material. It dries on the applied surface and forms a seamless, waterproof and elastic coating. The coating is resistant to high mechanical strength. Tile, ceramic and similar coating should be bonded with a suitable adhesive on the **ISONEM DF 9** which has high crack bridging capacity.

USAGE AREAS

- In wet volumes
- Bathroom-shower-rest room
- Terrace and balconies
- Can be used indoors and outdoors in any kitchen and similar wet areas

APPLICATION INFORMATION

Surface preparation: Application surfaces should be dry and clean. Surface reparation and similar pre - insulation should be done before application. 45 g/m² insulation mesh should be used on wall and base joints. If there are residues prevent adherence like dust, dirt etc. on the application surface, they should be cleaned and the insulation and paint primer **ISONEM UNIVERSAL PRIMER** should be applied to the surface (1: 7 diluted with water; 1 part primer, 7 parts water). The primer application should be left to dry for 4 hours.

Application Method: **ISONEM DF 9** is ready to use but must be mixed well before use. **ISONEM DF 9** is applied by brush in two layers without dilution waiting 4 hours between coats. The insulation application should be protected from water for 24 hours. Do not apply below + 5°C or wet and frozen floors. The product is produced in two types as "summer" and "winter" in accordance with the climate conditions and air temperature to be applied. The summer product is suitable for applications between 18 - 40 ° C and the winter product at 5 - 17 ° C.

TECHNICAL SPECIFICATIONS

- Density (25°C, g/mL) : 1,38 ± 0,10
- pH (25°C) : 7,0 - 9,0
- Viscosity (25°C, mPa.s) : 9000 - 12000
- Solid content (% Weight) : 71 ± 2
- Water transmission rate (kg/ m². h^{0,5}) : < 0,1 CLASS W₃
- Adhesion strength by pull-off test (N/mm²) : Crack bridging flexible systems without trafficking ≥ 0,8, with trafficking 1.5 N/mm²
- Permeability to water vapour (m) : 5 ≤ S_p ≤ 50 CLASS II
- Solvent : Water
- Color : Blue, white or grey
- Product consumption : 1 kg/m² (two layers application)
- Paintable (Coverage) Area : 5 kg: min. 5 m²/bucket (two layers)
18 kg: min. 18 m²/bucket (two layers)

PACKAGING & STORAGE

- Packaging : 5 kg and 18 kg PP buckets
- Storage temperature (°C) : 5 - 35°C
- Shelf life : 24 months from date of production if stored in original, unopened, undamaged packages.
- Storage condition : Store tightly closed in a dry and cool place.

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

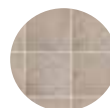
Depending on the climatic conditions and weather temperature to be applied, you should provide the product as summer or winter.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application	There should not be exposed to ponding, snow should not accumulate and also the surface should be inclined.
Other ISONEM products recommended	ISONEM Universal Primer should be used as a primer.
Other ISONEM products recommended	It should be applied between 18 - 40 °C (Summer application) It should be applied between 5 - 17 °C (Winter application)



General Features



Application	Concrete	Marble, Granite	Raw Wood	Tile, Ceramics	Membrane, Shingle	Steel, Metal
Application	in perpendicular layers to each other	in perpendicular layers to each other	in perpendicular layers to each other	in perpendicular layers to each other	X	X
Surface Humidity	Dry surface	Dry surface	Dry surface	Dry surface	X	X
Application Tools	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	X	X
Primer Usage	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	X	X
Primer Consumption	100 - 200 g/m ²	100 - 200 g/m ²	100 - 200 g/m ²	100 - 200 g/m ²	X	X
Product Usage	2 Layers	2 Layers	2 Layers	2 Layers	X	X
Product Consumption	1 kg/m ² (2 Layers)	1 kg/m ² (2 Layers)	1 kg/m ² (2 Layers)	1 kg/m ² (2 Layers)	X	X
Between Two Coats	4 hours	4 hours	4 hours	4 hours	X	X
Touch-free Drying	4 hours	4 hours	4 hours	4 hours	X	X
Through Drying	72 hours	72 hours	72 hours	72 hours	X	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.

