



Acrylic Based Wet Area Waterproofing

It is elastomeric resin-based waterproofing material which is a solvent free, one component acrylic polymer-based. It forms a seamless, waterproof and elastic coating by drying on the applied surface. The coating is resistant to high mechanical strength. The coating like tile, ceramic should have adhered with suitable adhesive on the **ISONEM DF 9** which has a high crack bridging capacity. It adheres to many surfaces like metal, wood, concrete, alum etc. very well and thus it insulates floor, groundwater drainage, pipes extremely safe.

USAGE AREAS

- In wet area
- Bathroom-shower-restroom
- Terrace and balconies
- Can be used indoors and outdoors in any kitchen and similar wet areas

TECHNICAL SPECIFICATIONS

- **Type** : Elastomeric resin and acrylic polymer based, water based, single component
- **Density [25°C, g/mL]** : 1.38 ± 0.10
- **Permeability to water vapour [m]** : 5s sD ≤ 50, CLASS II
- **Viscosity [25°C, mPa.s]** : 9000 – 12000
- **CO₂ Gas Permeability** : 0.4 g/m² day
- **Equivalent Air Layer Thickness Sd** : 2.50 m
- **Tensile strength [20°C]** : 7.0 N/mm²
- **Elongation at break [20°C]** : 50%

APPLICATION INFORMATION

Surface Preparation : Application surfaces should be dry or slightly humidity 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. The insulation and paint primer **ISONEM UNIVERSAL PRIMER** should be applied to the subfloor (1: 7 diluted with water, 1 part primer, 7 parts water). In 1 layer.

Application Method : **ISONEM DF 9** is ready to use but must be mixed well before. **ISONEM DF 9** is applied by brush in two layers without dilution waiting 4 hours between coats.

Do not apply below + 5°C or wet and frozen floors.

COLOR : Blue, white or grey.

CONSUMPTION : Min 18 m² / kg PE bucket.

STORAGE : 24 months in original, unopened package, cool and dry environment.

PACKING : 18 kg PE bucket

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

General Features

- Provides %100 Waterproofing
- B S1 d0 Fire Class
- Elastic
- Hygienic, does not contain harmful substances

Application Conditions and Risks

Things to consider during and after the application
The application surfaces must be clean and free from dirt, oil, rust etc..

Applicable temperature
Between +5 and +35°C

ISONEM products for surface preparation
ISONEM Universal Primer should be used as a primer.



Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	in perpendicular to each others	in perpendicular to each others	X	in perpendicular to each others	X	X
Surface Humidity	Dry surface	Dry surface	X	Dry surface	X	X
Application Tools	Brush, spray	Brush, Spray,	X	Brush, spray	X	X
Primer Usage	ISONEM UNIVERSAL PRIMER (1:7 diluted with water) (1 part primer, 7 part water)	ISONEM UNIVERSAL PRIMER (1:7 diluted with water) (1 part primer, 7 part water)	X	ISONEM UNIVERSAL PRIMER (1:7 diluted with water) (1 part primer, 7 part water)	X	X
Primer.Consp	100 - 200 gr / m ²	100 - 200 gr / m ²	X	100 - 200 gr / m ²	X	X
Product Usage	2 Layers	2 Layers	X	2 Layers	X	X
Product.Consp	0,8 - 1,0 kg / m ²	0,8 - 1,0 kg / m ²	X	0,8 - 1,0 kg / m ²	X	X
Betw.Two.Coats	4 Hours	4 Hours	X	4 Hours	X	X
Application	24 Hours	24 Hours	X	24 Hours	X	X



Finishing

