

## Sealing Elastic Filler

It is a polymer-based mastic having high filling and bridging property. It is elastic and highly resistant against U.V., sun and weather. It is one component, can be painted and long-lasting. It is not flammable. It can adhere to all kinds of absorbent and dry surfaces. It provides perfect filling and insulation at joints of expansion joints of prefabricated buildings, dilatations, cracks and joints of interior and exterior facades, joints of ceramic and stone coatings, roof and aluminum coatings.

### USAGE AREAS

- Dilatation and expansion joints
- Grouts and joints
- Fibercement, aluminum, glass, plastic joints and edges
- Stone, ceramic, marble, etc.
- Filling or repairing cracks or holes
- Additional joints of prefabricated gutters and facades.

### TECHNICAL SPECIFICATIONS

- **Type** : Acrylic emulsion based mastic
- **Shell bonding time** : 15 min
- **Density** : 1.40 ± 0.1 g / mL
- **Shore A hardness** : 20
- **E 100 Module (N/cm<sup>2</sup>)** : 5
- **Heat resistance** : -20°C to + 80°C
- **Continuous elasticity** : 10%

### APPLICATION INFORMATION

**Surface Preparation** : The surface must be clean and all impurities that affect the adhesion like dirt, oil, sludge, rust, etc. should be removed. If there is dust on the concrete surfaces or the surface is very absorbent, the surface should be primed with **ISONEM UNIVERSAL PRIMER** [1: 7 diluted with water; 1 part primer, 7 parts water]

**Application Method** : After opening the ISONEM A4 package, should be mixed for 2 minutes until a homogenous blend. If dilatation or expansion joint is made, it is recommended to put PE backing rod in the joint before application. It is recommended to use with grout mesh it detailed chamfer applications. Ready for use **ISONEM A4** is filled to the area via spatula or filled mastic pump. After filling the surface is smoothed with a wet sponge. **ISONEM A4** should not be applied more than 5mm in one time.

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

**PACKING** : 5 kg PE bucket, 10 kg PE bucket and 18 kg PE bucket

**CONSUMPTION** : 120 m.t/18 kg Bucket for 10X10 mm

**COLOR** : White can be colored on request.

**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 nic 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.

Application requirement

Application should not be made in humid weather.

Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Crack Filling	X	X	Joint gap, joints	Crack Filling	X
Surface Humidity	Dry Surface	X	X	Dry Surface	Dry Surface	X
Application Tools	Spatula, Mastic Pump	X	X	Spatula, Mastic Pump	Spatula, Mastic Pump	X
Primer Usage	ISONEM UNIVERSAL PRIMER (1: 7 diluted with water; 1 part primer, 7 part water)	X	X	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
Primer.Conspt	100 - 200 gr / m <sup>2</sup>	X	X	100 - 200 gr / m <sup>2</sup>	100 - 200 gr / m <sup>2</sup>	X
Product Usage	Filling Material	X	X	Filling Material	Filling Material	X
Product.Conspt	Max5mm at aTime	X	X	Max5mm at aTime	Max5mm at aTime	X
Betw.Two.Coats	After drying	X	X	After drying	After drying	X
Application	24 Hours	X	X	24 Hours	24 Hours	X



Finishing

