



A4

ISONEM A4 SEALING ELASTIC FILLER, It is a polymer-based mastic which has high filler and bridging feature. It is highly resistant U.V., sun, and weather, is elastic. Single component. It can be painted. It is long-lasting. It is not flammable. It can adhere to all kinds of surfaces absorbent and dry.

USAGE AREAS

- In filling cracks before water based paint and coating,
- In dilatation and expansion joints,
- In chimney flashing filter sides,
- Fuga and joints,
- In baseboard, in joint of coatings like stone, ceramic, marble etc.,
- Filling or repairing of cracks or holes,
- In additional joints of prefabricated gutters and facades.

APPLICATION INFORMATION

Surface preparation: The surface must be clean and free from factors such as dirt, oil, sludge, etc. that reduce adherence.

Application Method: After the **ISONEM A4** package is opened, it is mixed for 2 minutes until a homogeneous consistency is obtained. If dilatation or expansion joint is made, it is recommended that PE joint backer rod be placed in the joint before the application is made on it. It is recommended to use joint mesh in chamfer detail applications. **ISONEM A4**, is ready to use, is filled into the prepared surface by using a spatula or by a mastic pump. After filling, the surface is smoothed with a wet sponge. **ISONEM A4** should not be applied more than 5 mm at a time.

TECHNICAL SPECIFICATIONS

- **Density (25°C, g/mL)** : 1,40 ± 0,10
- **pH (25°C)** : 7,0 – 9,0
- **Viscosity (25°C, mPa.s)** : > 70000
- **Solid content (% Weight)** : 74 ± 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)** : S_D < 5 m CLASS I
- **Solvent** : Water
- **Color** : White, it can be colored when desired.
- **Product consumption** : 30 g for 5 mm and 1 m width
- **Paintable (Coverage) Area** : 120 m.t/18 kg bucket for 10X10 mm

PACKAGING & STORAGE

- **Packaging** : 5 kg, 10 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.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application

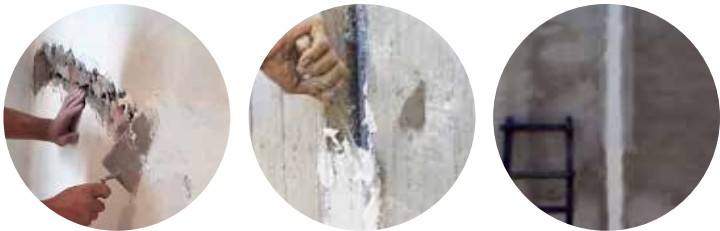
The application surface must be clean and free from all impurities like dirt, oil, and mud. Do not apply in humid air.

Other ISONEM products recommended

X

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
It should be applied between 5 - 35°C.



General Features

 Provides %100 Waterproofing

 B S1 d0 Fire Class

 Elastic Structure

 UV Resistance

 Hygienic, does not contain any harmful substances

	 CONCRETE	 MARBLE, GRANITE	 RAW WOOD	 TILE, CERAMICS	 MEMBRANE, SHINGLE	 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	X	X	X	X	X	X
Primer Consumption	X	X	X	X	X	X
Product Usage	Filling material	X	X	Filling material	Filling material	X
Product Consumption	Max. 5 mm at a time	X	X	Max. 5 mm at a time	Max. 5 mm at a time	X
Between Two Coats	X	X	X	X	X	X
Touch-free Drying	3-6 hours	X	X	3-6 hours	3-6 hours	X
Through Drying	72 hours	X	X	72 hours	72 hours	X

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

