



DIAMOND STONE

ISONEM DIAMOND STONE is a special paint that gives a grainy, textured and decorative appearance with its acrylic-based aggregate particles, vibrant, bright, water-based, flexible and also has excellent waterproofing properties. It can be used on exterior and interior surfaces such as cement plastered, concrete, brick. The product has excellent resistance to UV and weather conditions. It has high covering power and covers surface defects. It has crack bridging feature, breathes, does not swell and spill, and the desired pattern can be given with a roller. It is harmless to health and the environment.

FEATURES

- Thanks to its flexible structure, it does not crack, soften, swell, or spill.
- It is odorless and environmentally friendly, does not contain VOCs and solvents.
- It has excellent UV resistance.
- Provides a decorative appearance with vivid and bright colors.
- It has excellent adhesion, spreading and high covering power.
- Desired patterns can be given, protective and decorative long-lasting.

USAGE AREAS

It is used as a grainy bright decorative paint on the exterior and interior facades of the buildings, all kinds of walls, concrete, brick, briquette, aerated concrete, plaster, etc.

Application Procedure

Surface preparation: The surface must be firm, clean and dry. All surfaces should be cleaned from oil, dirt and all kinds of residues before application. Before application, the surfaces should be primed with **ISONEM UNIVERSAL PRIMER** (diluted 1:7 with water - 1 Part Primer, 7 Parts Water). The primer is then left to dry for 4 hours.

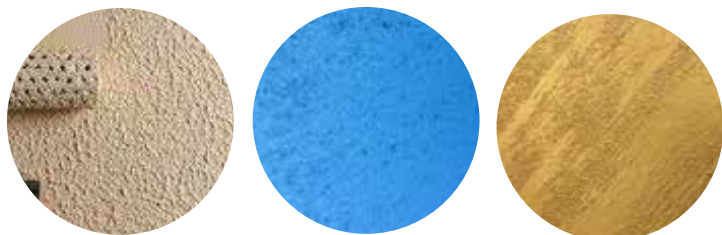
Application method: **ISONEM DIAMOND STONE** is ready to use. Before the application, the paint is mixed homogeneously with the help of a mixer for 5 minutes in the bucket. It should be used undiluted. It should be applied on the primed surface in two layers with a roller. A coral roller can be used for a thick pattern and a post roller for a thin pattern. You should wait at least 4 hours between coats.

TECHNICAL SPECIFICATIONS

- **Density (25°C, g/mL)** : 1,40 ± 0,10
- **pH (25°C)** : 7,0 - 9,0
- **Viscosity (25°C, mPa.s)** : 9000 - 12000
- **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)** : 5 ≤ S_D ≤ 50 CLASS II
- **Solvent** : Water
- **Color** : All requested can be produced in colors
- **Product consumption** : 0,45 - 1,0 kg/m² (It may vary depending on the colors, the properties of the application surface and the pattern roll to be applied.)
- **Paintable (Coverage) Area** : 10 kg: 10 - 22 m²/bucket, 18 kg: 18 - 40 m²/bucket

PACKAGING & STORAGE

- **Packaging** : 10 kg and 18 kg PP in 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.
Other ISONEM products recommended	In primer application, it should be used ISONEM UNIVERSAL PRIMER. It should not be primed with itself.
Application temperature	It should be applied between 5 - 35 °C.

General Features



	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	In the same direction as the first layer	X	In the same direction as the first layer	X	In the same direction as the first layer	X
Surface Humidity	Dry surface	X	Dry surface	X	Dry surface	X
Application Tools	Roller, brush, spray	X	Roller, brush, spray	X	Roller, brush, spray	X
Primer Usage	ISONEM UNIVERSAL PRIMER (diluted)	X	ISONEM UNIVERSAL PRIMER (diluted)	X	ISONEM UNIVERSAL PRIMER (diluted)	X
Primer Consumption	100 - 200 g/ m ²	X	100 - 200 g/ m ²	X	100 - 200 g/ m ²	X
Product Usage	2 Layers	X	2 Layers	X	2 Layers	X
Product Consumption	0,45 - 1 kg/m ² (2 Layers)	X	0,45 - 1 kg/m ² (2 Layers)	X	0,45 - 1 kg/m ² (2 Layers)	X
Primer Consumption	4 Hours	X	4 Hours	X	4 Hours	X
Product Usage	2 Hours	X	2 Hours	X	2 Hours	X
Product Consumption	72 Hours	X	72 Hours	X	72 Hours	X

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

