

Polyurethane based binder, specially formulated for stone carpet floor application



Description

IntoDEC® MS-1K Polyurethane binder specially formulated stone carpet floor application. which cures with the humidity in the atmosphere It is 100% solids, low viscosity, odorless, very elastic and hydrophobic with excellent adhesion for indoor stone carpet application and zero-toxic (zero V.O.C.).After curing Resistant to water contact and chemicals.

The application requires mixing 4-6% of the binder weight of the product with colored quartz and marble granules. If the infrastructure requires waterproofing in stone carpet applications, PoreFILLER® P-1K should be applied under the stone carpet layer.

Do not leave the packaging lid open during the application phase and the open product can be saved for the next application using the packages lid open and close method.

Important Features

- IntoDEC® MS-1K ideal for use in warm weather
- Special formulated for summer season
- Due to continuous water contact and rainwater, no lime or chlorine water stains occur
- Water contact resistance
- Hydrophobic

Packaging Types

5kg

10kg

20kg

Pallet Description

5kg	120pcs X 5kg	Total 600kg
10kg	60pcs X 10kg	Total 600kg
20kg	30pcs X 20kg	Total 600kg

Features / Benefits

- Transparent
- Continuously flexible floors
- The material displays very low levels of yellowing upon prolonged exposure to UV
- Excellent mechanical properties
- Outstanding resistance to chemicals
- Outstanding hydrolysis and oxidation resistance
- Absolutely non foaming
- Comfortable application

Application Areas

- IntoDEC®-MS 1K, binder aggregate, system for decorative internal floor surfacing
- Continuously flexible floors
- Showrooms
- Living areas
- Shops
- Supermarkets
- Offices
- Schools and colleges

Technical Data

Potlife :	± 45 minutes (20 °C)
Touch Drying Time :	± 8 hours (25 °C)
Drying Time :	24 hours (25 °C)
Walkable After :	24 hours
Service Temperature :	(-40 °C) - (+80 °C)

Consumption

- Consumption 4-6% Weight of the dry granules.
- The exact ratio depends on the dust content of the granules.

Application Procedure

Clean the surface using a high pressure washer if possible.

Remove oil, grease and wax contaminants. cement laitance, loose particles, mould release agents, cured membranes must also be removed. The application surface must be dry.

Priming: Priming is required when application is on non-porous substrates, such as ceramic/glazed tiles. In this case, Primer-D 1K is used.

During the floor stone carpet application;

- For a more comfortable application, spray your trowel with a mixture of 20% glass cleaning water and 80% tap water.
- Clean your trowel frequently with Cellulosic thinner during the application phase.

Technical Specifications

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield)	cP	at 25 °C	1,000-3,000
Specific weight	gr/cm ³	at 20 °C	1.00-1.10
Service temperature	°C	-	-40 to 80
Max. temperature short time (shock)	°C	-	200
Hardness	Shore D	-	> 40
Tensile strength at break at 23 °C	Kg/cm ² (N/mm ²)	-	350 (35)
Percent elongation at 23 °C	%	-	>700
Water vapor transmission	gr/m ² .hr	Water Method	0.8