

Full aliphatic polyurethane binder specially formulated for stone carpet floor application



Description

IntoDEC® MX-2K Full Aliphatic polyurethane binder Specially formulated for stone carpet floor application. Excellent Adhesion.

IntoDEC® MX-2K stone carpet binder, it does not yellow, and granules do not change color exposed to sunlight. Is based on pure elastomeric, hydrophobic. This provides excellent resistance to mechanical, chemical, thermal, UV and after curing Resistant to water contact and chemicals.

100% solids. It is late curing and zero-toxic (zero V.O.C.).

The application requires mixing 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.

Important Features

- IntoDEC® MX-2K is 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
- Highly Hydrophobic
- Highly sunlight resistance
- Full Aliphatic

Packaging Types

A Comp. 20kg

B Comp. 20kg

Pallet Description

A Comp.	20kg	30pcs X 20kg	Total 600kg
B Comp.	20kg	30pcs X 20kg	Total 600kg

Features / Benefits

- Transparent and full aliphatic
- No yellowing resulting from UV exposure
- Solvent-less, 100% solids
- Excellent resistance to heat
- Excellent Adhesion
- UV resistance
- Very high resistance to mechanical stresses (high tensile strength and abrasion resistance)
- Outstanding resistance to chemicals
- Outstanding hydrolysis and oxidation resistance
- Absolutely non foaming
- Comfortable application

Application Areas

- IntoDEC®-MX 2K binder aggregate system for decorative internal floor surfacing
- Auto Showroom
- Closed Car Garage
- Showrooms
- Living areas
- Shops
- Supermarkets
- Offices
- Schools and colleges

Technical Data

Potlife : ± 45 minutes (20 °C)	Mixing Ratio
Touch Drying Time : ± 7 hours (25 °C)	1/1 Ratio
Drying Time : 24 hours (25 °C)	(1000gr A + 1000gr B)
Walkable After : 24 hours	
Service Temperature : (-40 °C) - (+80 °C)	

Consumption

- Consumption 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 20 °C	2,000-3,000
Service temperature	°C	-	-40 to 80
Max. temperature short time (shock)	°C	-	200
Hardness	Shore D	-	> 90
Percent elongation at 23 °C	%	-	> 180
QUV Accelerated Weathering Test (6hr UV, at 70 °C (UVB-Lamps) & 6hr COND at 60 °C)	-	-	passed (4,000 hours)
Hydrolysis (Potassium Hydroxide 8%, 10 days at 60 °C)	-	-	no significant elastomeric property change
Hydrolysis (Sodium Hypochlorite 16%, 10 days)	-	-	no significant elastomeric property change
Water absorption	-	-	0.5%