

## Aliphatic polyurethane binder, specially formulated for stone carpet floor application



### Description

GardenDEC® AL-2K Aliphatic polyurethane binder, specially formulated for stone carpet floor application which cures with the humidity in the atmosphere. It is 100% solids, low viscosity and hydrophobic with excellent adhesion for outdoor stone carpet application. It is fast curing and zero-toxic (zero V.O.C.). Excellent resistance to mechanical, chemical, thermal, UV, continuous water contact and extreme weather conditions.

**Binder Color:** (Comp. A dark brown) - (Comp. B transparent yellow)

**Application:** Recommended for dark colored stone, granules

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.

### Important Features

- GardenDEC® AL-2K ideal for use in extremely cold weather
- Special formulated for the winter season
- Due to continuous water contact and rainwater, no lime or chlorine water stains occur
- Highly Hydrophobic
- Highly sunlight resistance
- Odorless

### Packaging Types

A Comp. 8kg

B Comp. 12kg

### Pallet Description

A Comp.	8kg	60pcs X 8kg	Total 480kg
B Comp.	12kg	60pcs X 12kg	Total 720kg

### Features / Benefits

- Solvent-less: Suitable for application in closed spaces
- UV resistance
- Highly hydrophobic
- Excellent mechanical properties
- Strong granule binder
- Outstanding resistance to chemicals
- Outstanding hydrolysis and oxidation resistance
- Absolutely non foaming
- Comfortable application
- Comfortable application

### Application Areas

- Outdoor
- Car Parks and Garages
- Squares and Parks
- Areas with a lot of car traffic
- Driveways, Terraces, Pool Sides
- Paths and walkways
- Verandas and balconies
- Outdoor recreation areas
- Ideal for pathways
- Garage ramps
- Cycle paths
- Parking areas
- Pedestrian crossings
- Secondary roads

### Technical Data

<b>Potlife:</b> ± 25 minutes (20 °C)	<b>Mixing Ratio</b>
<b>Touch Drying Time:</b> ± 2 hours (25 °C)	1/1,5 Ratio
<b>Drying Time:</b> 24 hours (25 °C)	(1000gr A + 1500gr B)
<b>Walkable After:</b> 8 hours	
<b>Service Temperature:</b> (-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	COMPONENT A (isocyanates)	COMPONENT B (polyols & amines)
Viscosity (Brookfield)	cP, at 25 °C	200-300	1,500-3,000
Specific weight	gr/cm <sup>3</sup>	1.20-1.25	0.95-1.05
Colour	-	dark brown	Transparent yellow
Mixing ratio by weight	A : B, by weight	1 : 1.5	