GardenDEC® AP-2K

Two Component Outdoor Binder

Full aliphatic polyurethane binder specially formulated for stone carpet floor application



Description

GardenDEC® AP-2K Full aliphatic Polyurethane binder. Specially formulated for stone carpet floor application which cures with the humidity in the atmosphere.

GardenDEC® AP-2K stone carpet binder it does not yellow, and granules do not change color exposed to extreme sunlight. Highly Hydrophobic. This provides excellent resistance to mechanical, chemical, thermal, UV, continuous water contact and extreme weather conditions.

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

- GardenDEC® AP-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
- Inhibits fungal and bacterial growth
- Highly Hydrophobic
- Highly sunlight resistance
- Full Aliphatic
- Odorless

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 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

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

Potlife : ± 45 minutes (20 °C)

Touch Drying Time : ± 7 hours (25 °C)

Drying Time : 24 hours (25 °C)

Walkable After : 24 hours

Service Temperature : (-40 °C) - (+80 °C)

Mixing Ratio

1/1 Ratio

(1000gr A + 1000gr B)

QUV Accelerated Weathering Test

(6hr UV, at 70 °C (UVB-Lamps) & 6hr COND at 60 °C) - Passed 4000 hours.

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.

- Application temperature range: +5°C to 40°C.
- Do not apply under rain or snow.
- Relative humidity must be no more than 85%.
- Try to eliminate the cured material on the walls of the mixing vessels.
- GardenDEC® AP-2K in a cool environment,avoiding exposure to direct sunlight make sure it stays under the shade provided