

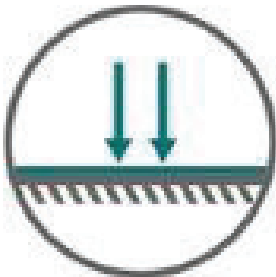
AMITEK MARBEL CRETE

Product Features

AMITEK MARBEL CRETE floor with large panel sizes are a designer’s delight where a cast-on-site exterior flooring is required. It goes without saying that for floor applications, extremely high quality of the material and application quality as well as the construction of a perfect base are imperative.

AMITEK MARBEL CRETE floors can be finished off in varying degree of aggregate exposure depending on the size of the aggregates used.

Key Features Includes



Thin Layer Application
Environment friendly



Seamless Application
No joints



Quick Application
Fast completion of project



Lower Dimensional Shrinkage
Fewer cracks in concrete




Non VOC Product



High Adhesion to Substrate
Less peeling off | High bonding



Extensively Tested at Factory
Quality assured



Green Product



Low Requirement of Curing
Less supervision required at site



Water Repellence
Moisture ingress & stain protection

Based on expected abrasion on surface, special aggregates can be selected.

Application

Generally used in exterior floorings for pedestrian, cycle track and low traffic applications, where seamless floors are required or desired.

Appearance

Supplied in two components Part A- Mortar powder Part B- Clean and dry aggregates.

Specifications

Max. Aggregate Size	Compressive Strength
2-8 mm or higher on request	>35 N/mm ²
Flexure Strength	Bulk Density
>5 N/mm ²	~1700 kg/m ³
Wet Density	Output/Coverage
~2200 kg/m ³	~2.2 kg /mm/m ²
Water Requirement	
~10–11% of weight of Part A. Care should be taken to make a trial patch and check the exact water requirement - which can vary as result of the ambient weather conditions. The water content established should be maintained throughout the operations.	
Work Time	
20–30 minutes maximum. Will be less when temperatures exceed 28° C or humidity less than 50%. Only so much material should be mixed with water as will be possible to consume within 20 minutes since the mixing of water to the mortar.	

Application Thickness

We recommend to screed the floor in 12-20 mm thickness, depending on the size of the aggregate use. The thickness of the layer should be approximately 2 to 2.5x of the largest sizes of the aggregates used. Use laser screed for large sites and best results.

Base Surface Preparation

The concrete base or other floor bases must be clean, free of dust and grease. The base must be consistent, without loose particles and disaggregation. Damp the surface with potable water and apply the primer to damp Surface. If steel is exposed, do not damp the reinforcement steel. The foundation should have a minimum tensile strength of 1.5 MPa. The base must be visually dry. Cracks in the base should be repaired. Weak bases must be removed or restored. The foundation should be ground or blasted and then aspirated. Use suitable Amitek Primer. When the subsequent material is placed/casted after drying of the primer, the surface should be vacuumed to remove loose sand particles if any.

Application/Installation Method

Please refer to separate sheet for guidance on application method.

Curing

Cover with plastic as soon as laid concrete starts to harden and will not leave marks from the covering. In case of extreme hot and windy climate, slight mist spraying of water may be recommended to prevent excess drying out.

After Protection

Adequate care should be taken to cover the flooring in a dust free yet breathable manner- from works of all other trades, till opened for final use. Possible to do a complete sealing/ protection with either AMitek AcrySeal water based

Open to Traffic

The floor can be opened to
Pedestrian traffic: 2 days
Light traffic: 7 days

Packing

Part A- 25 kg bag and Part B- 30 kg bag
Mix 1 bag of part A to 1 bag of part B

Shelf Life

3 months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture.

Precautions

Use materials from different packs to reduce chance of any shade variation. Keep WC ratio and curing conditions consistent to reduce chances of shade variation.

DISCLAIMER:

The information above is believed to be accurate & represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use, handling and from contact. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way, AMITEK manufactured by APP Paint Chemicals Private Limited will be liable for any claims, losses, or damages of any third party or for lost any special, indirect, incidental, consequential or exemplary charge, however arising, even APP Paint Chemicals Private Limited has been advised of the possibility of such damages.

MANUFACTURED BY -

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