



TECHNICAL DATA SHEET

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topeca
floor natural

decorative flooring

rounded aggregate decorative paving



- U.V. ray resistant

use

Topeca Floor Natural is a porous paving system ideal to apply: in landscaping projects, pedestrian areas, pavements, house accesses, decorative areas, roundabouts, circular earths dams (lets water through), cemeteries, decorative designs on paving, gravel curb next to houses, cycling paths, public and private areas, interiors and exteriors.

Topeca Floor Natural is a product composed of two-component resin which is added to natural inerts, forming a very permeable decorative mortar.

It can be used with 2/6mm natural aggregates (on Cycle Paths, Pedestrian Areas) up to 32/56mm (for decoration).

Resistant to ice and salt, stops the surfacing of weeds, resistant to abrasion and pressure cleaning, respects the environment.

Topeca Floor Natural has the advantages of:

- Hardening and binding natural aggregates.
- Not causing thinning out, therefore, keeping the original aspect of aesthetic designs, decoration, garden and landscapes. Making them safer.
- Making cleaning easier, preventing the loss of gravel.
- Makes the surfacing of weeds harder.
- Resistant to very humid environments
- Odourless.
- Doesn't change the ground's permeability.

surface

- Cement, Natural Stone Paving, Gravel and Cement Mortar



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recommendations

Do not apply Topeca Floor Natural directly on quarry-run gravel with less thickness than 6-7 cm.

Imperatively the natural inerts must be washed and dried.

Apply in temperatures above 7°C.

Protect from rain during the 24 hours following the application.

It is recommended that prior rehearsals are carried out on the job.

Topeca Floor Natural does not resist to structure movements.

For surfaces aimed at automobile circulation please contact us.

Use adequate individual protection: such as gloves, goggles and protective clothing.

composition and characteristics

Composition:

Resins and specific additives.

Characteristics:

Waiting time to coat the mortar (Cement+Gravel): 7 days.

Definitive opening for circulation: 6 days at 20°C

Components	Usage Time	Transition Time
A+B	30 min	24 hours
A	3-5 hours	72 hours

NOTE: Results obtained in standard conditions. These times may vary according to the temperature when it's applied (this is, increase with low temperatures and decrease with high temperatures).

colour

Transparent

consumption

As guideline a paving with:

Inert (mm)	Objective	Mixing Proportion	Consumption (Kg / m ² .cm)	
			Inert	Resin
2-6	Pedestrian Areas	900g (Comp A) : 30 Kg (Inert)	15	0.5
32-56	Non Pedestrian Areas	900g (Comp A) : 60 Kg (Inert)	20	0.3

available in

1 kit (A+C)

Component A -900 g

Component B – Inert – 30 Kg

Component C - 10 g

storage

6 months from the manufacturing date in the closed original package away from ice and sun.



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surface preparation

Clean the surfaces well, eliminating any type of dirt. To prepare old paving with vegetable dirt, clean with Topnet and water pressure washer.

Respect the expansion joints with the suitable profiles (refer to Topeca catalogue).

The support must be dry, stabilized and compacted. If there is no solid base the support should be previously prepared.

Sub-base Preparation:

On the base (earth, quarry-run gravel) after being stabilized and compacted and before pouring the mortar (gravel+cement) the filling heights must be determined, with rulers or suitable profiles.

Lay the separating geotextile, and pour the cement and gravel mortar. The proportion to make this mortar is 20 kg of cement: 100 kg of Gravel (nº1): 8Lt of water. Mix them in a concrete mixer until a mortar in which the gravel is mixed with a cement gel is obtained. Pour the mortar into the support, level and compact so that a stable surface is obtained (with a vibratory plate, suitable cylinder or with a mace).

You may lay Topeca Floor Natural on the mortar (cement + gravel) with some humidity as long as the gravel surface is dry.

Leave a minimum thickness of 2.5-3cm for Topeca Floor Natural.

application

Natural aggregates should be washed, dried and have a grading from 2/6 mm to 32/56 mm. Previously mix Component A and B, if you wish that the product hardens faster.

In a concrete mixer mix 30 Kg (Passable Areas) or 60 kg (Non-passable Areas- for decoration) of dry inert, according to the type of application, slowly add all the Topeca Floor Natural. Keep mixture for 5 minutes.

Pour Topeca Floor Natural on the surface and spread with a shovel. Level with a ruler, compact the surface (with mace or vibratory plate).

