

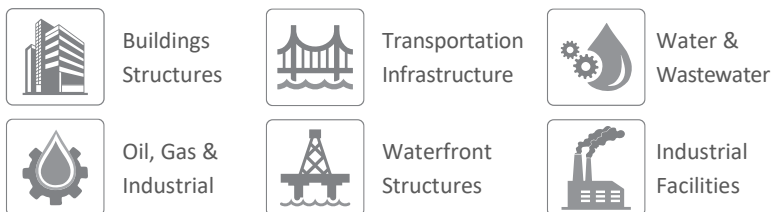
# TechnoPrime™PC

Polymer-Modified Slurry Primer

TECHNOPOL  
مقاوم سازی تکنوپل

## PRODUCT DESCRIPTION

TechnoPrime™PC is a polymer modified cementitious slurry primer specifically formulated to provide exceptional bond between all types of stone surfaces. The use of TechnoPrime™PC ensures full and even contact will be made with aggregate particles as well as promoting adhesion. The product is suitable for application in town center pedestrian schemes, pathways and carriageways.



## TECHNICAL DATA

	Unit	TechnoPrime™PC
Working Time	Min	60
Temperature for application (support and material)	Degree	+5 to + 35 ° C
Bond (Adhesion) Strength	MPa	2.2 after 28 days
Mixing water	l/kg	0.22-0.26
Pull out strength of coated Rebar		≥ 80% Comparison vs uncoated

## PHYSICAL PROPERTIES

Layer Thickness	mm	2 in layers
Density	gr/cm <sup>3</sup>	1.8

## ADVANTAGES

- Provides exceptional bond between bedding concretes and all types of paving elements
- User-friendly - requires only the addition of water on-site
- Quick and easy application
- Part of the TechnoPrime™PC streetscape system, which guarantees compatibility and reduces split liability

## TYPICAL USES

- For application in town center pedestrian schemes, pathways and carriageways
- When concrete is contaminated with chlorides
- As a primer for steel substrates prior to suitable top coating
- In critical environments when extra protection is specified

## MIXING

Place 0.22 to 0.26 liters of clean water per kg of TechnoPrime™PC powder in a suitable container. Mix for 3 to 5 minutes with a paddle mounted on a slow-speed drill, or by hand to create smooth lump-free slurry. The primer should be used on the supporting layer / road-base immediately prior to the application of the laying course.

## PACKAGING

Available in 10 and 20 kg

## INSTALLATION PROCEDURE

### PREPARATION OF SUBSTRATE

Correct surface preparation is critical in order to guarantee successful application and durable product performance. Remove all debris and ponded water from the supporting structure / roadbase. The roadbase as well as the paving elements should be cleaned by brushing or washing with water to remove dust, loose material, packaging and/or production aids prior to the application of TechnoPrime™PC.

### APPLICATION

Apply the mixed material using a soft paint brush in one layer with approximately 1mm thick to the full circumference of the prepared



reinforcement. All surfaces should be pre-soaked with clean water immediately prior to the application of TechnoPrime™PC. The supporting layer/road base should be coated with the primer at a thickness of 1mm-2mm immediately before the application of TechnoPrime™PC. The slurry should be fresh and wet when the fine bedding concrete is laid.

#### CAUTION

Operatives should wear proactive clothing and work in well-ventilated conditions. This product contains Portland cement which, when mixed with water is alkaline and may in some cases cause skin irritation. If product enters the eyes, wash thoroughly with water and seek medical advice. In common with all powder products the material should be mixed carefully in order to avoid the raising of dust.

#### FAIRST AID

##### *Skin*

Wash fibers off skin with water and soap. If fibers are embedded in the skin, remove with tweezers. Discard clothing that may contain embedded fibers. Seek medical advice if exposure results in adverse effects.

##### *Eyes*

Immediately flush with a continuous water stream for at least 20 minutes. Washing immediately after exposure is expected to be effective in preventing damage to the eyes. Seek medical advice.

##### *Inhalation*

If there is inhalation exposure to the fibers of this product, remove source of exposure and move victim to fresh air. If victim is not breathing, give artificial respiration. If there is breathing difficulty, give oxygen. Seek medical advice for any respiratory problems.

##### *Ingestion*

Ingestion is not a likely means of exposure for this product. If ingestion does occur, do not induce vomiting. Give nothing by mouth if victim is unconscious. Seek medical advice.

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