



# STAMPOCEM

Quartz based  
mineral hardener  
for decorative stamped  
concrete flooring



konstruktive • Leidenschaft



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**PRODUCT DESCRIPTION**

**STAMPOCEM** is a quartz based mineral hardener designed for protection and surface finish of decorative stamped concrete.

Suitable for its high mechanical strength and abrasion resistance for stamped concrete, urban furniture, pavement, etc. subject to a medium/heavy and arduous traffic.

The product is applied using dry-shake method to freshly cast and level concrete, distributing the anhydrous product in one or more layers, either manually or by mechanical means. **STAMPOCEM** is the first step in preparing a decorative stamped concrete flooring.

**COMPOSITION**

**STAMPOCEM** is a specially formulated, premixed powder product, consisting of special hydraulic binders, pure national quartz selected in appropriate granulometric curve and inorganic pigments.

**APPLICATION**

**STAMPOCEM** is applied manually to freshly applied concrete using the dry shake method in one or two stages, before the concrete starts to set, normally after 4-12 hours depending on the weather conditions.

Sprinkle the concrete surface with 1.5 to 2.5 kg/m<sup>2</sup>. When **STAMPOCEM** has absorbed all of the concrete moisture, smooth the surface using a power float but use hand trowels for the edges and corners. Apply a second coat sprinkling the surface with 1.5 to 2.5 kg/m<sup>2</sup> and finish the surface compacting and levelling the coating. A second phase with a power float is needed for finishing the concrete, in order to obtain a perfect smooth surface.

The prepared surface is then ready for the second phase of decoration by applying the releasing agent **DISTACCANTE**.

**INDICATIVE AMOUNTS REQUIRED**

3.0-5.0 kg per m<sup>2</sup>.

**COLOUR**

Collection: STAMPOCEM.colours

**PACKAGING**

25 kg tubs.

**STORAGE**

12 months in original intact packaging and stored in a dry place.

**RECOMMENDATIONS**

Do not apply on aged concrete or after the initial setting time. Do not apply at temperatures below + 5°C or above + 35°C. Do not apply to concrete that contains excessive amounts of bleed water; if necessary uniform the concrete surface by removing any puddles of water. Do not apply externally during rain or frost.

Do not apply externally with strong wind, direct sunlight or temperatures above + 35°C.

During manual application use appropriate personal protection.

**PRODUCT DATA**

Appearance	powder	
Colour	coloured	
Powder volume mass	~ 1500 kg/m <sup>3</sup>	EN 1015-10
Aggregate strength	> 7 Mohs scale	
Maximum aggregate size	≤ 2,5 mm	





**APPLICATION DATA**

Min. temperature for application	+ 5°C	
Max. temperature for application	+ 35°C	
Fit for walking on	> 12 hours	

**PERFORMANCE DATA**

7th-day compressive strength	≥ 50.0 N/mm <sup>2</sup>	
28th-day compressive strength	≥ 60.0 N/mm <sup>2</sup> C60	EN 13892-2
28th-day flexural strength	≥ 6.0 N/mm <sup>2</sup> F6	EN 13892-2
Reaction to fire	A1 <sub>fl</sub> Class	EN 13501-1
Böhme abrasive strength	A9 Class	EN 13892-3
Release of corrosive substances	CT	EN 13892-2
Water permeability	NPD	EN 1062-3
Vapour permeability	NPD	EN 12086
Sound insulation	NPD	EN ISO 140-6
Sound adsorption	NPD	EN 12354-6
Thermal resistance	NPD	EN 12524
Chemical resistance	NPD	EN 13529

**ACCORDING TO**



EN 13813:2002  
Material for cementitious screeds  
CT-C60-F6-A9

**REMARKS**

**Product for professional use.** The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).

