



# 65

χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials

Technical Specifications

Date of issue: 17/07/2015

Version Number: 5th

## Spatomax 20

Resinous cement putty for covering defects up to 20 mm.



### Description - Properties

High coverage resinous cement putty, particularly resistant to humidity, suitable for smoothing and covering construction defects, at thicknesses up to 20 mm per coating, on interior and exterior surfaces. Does not shrink, crack, nor create defects on the surface in great thicknesses. With high resistance to humidity and frost, great surface hardness, allows the transpiration of the surface. With very strong adhesion to the substrate, excellent workability and easily scrubbed. It eliminates the need of multiple coatings of fine grained putty. Classified in class GP: CS IV-W2 according to EN 998-1. Refer to the Datasheet of Spatomax 20.

### Application fields

For the puttying and covering of every construction defect on surfaces of exposed concrete, concrete, aerated concrete, brickwork, plaster, concrete planks, etc., and, in general, on walls, ceilings, etc. When applied directly on a primed wall, can replace plaster in cases of small application thicknesses.

### Preparation of the surface

The surfaces need to be stable, clean and free of foreign materials and dust. Formwork oils on the surfaces must be thoroughly cleaned. Wet slightly the substrate before application. In case of very absorbent surfaces (aerated concrete) the surface must be previously primed with the high penetration Atladur micro flex primer.

### Preparation of the mixture - Dilution

Add 25 Kg (1 sack) of Spatomax 20, in approximately 7-8 Lt of pure water under stirring with a power drill (mixer) at low speed (revs) until a homogeneous pasty mixture, with no lumps and good workability, is formed. Let it "mature" for 10 minutes before use. In special cases of demanding applications, replace water with a mixture of an improver resin for mortars Atlaplus fiber flex: Water, 1:5 to 1:10, that increases adhesion, waterproofs and reinforces the strength of the surface.

### Technical Specifications

Form:	Cementitious mortar
Color:	White
Bulk density of dry mortar:	1.35±0.10 kg/lt
Bulk density of fresh mortar:	1.70±0.10 kg/lt
Maximum grain size:	0.60 mm
Water demand:	7-8 lt water in 25kg mortar
Application temperature:	from +5°C to +35°C
Temperature resistance:	from -30°C to +80°C
Maximum application thickness:	20 mm/coat
Recoating time:	After 4 hours
Pot life:	4 hours
<b>MECHANICAL PROPERTIES</b>	
Strength after 28 days, according to EN 1015-11, to:	• flexion > 2.5 N/mm <sup>2</sup> • compression >5.0 N/mm <sup>2</sup>
Adhesive strength after 28 days, according to EN 1015-12:	≥1.7 N/mm <sup>2</sup>
Capillary water absorption (c) According to EN 1015-18:	<0.80 kg/m <sup>2</sup> .min0,5

### Application

Applied with a large metallic spatula in layers of 2 mm to 20 mm per coat. The next coats, must be performed 4 hours after the first one has "dried".

### Consumption

Approximately 1,5 Kg/m<sup>2</sup> for a 1 mm-thick coat.



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## Storage

For at least 12 months after its production date, if kept in closed sacks and stored in a dry place, protected from humidity.

## Packaging

White 25 kg.

## Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.

# CE

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19600 Mandra, Attica, Greece

EN 998-1

DoP No.: ATLACOLL-Spatomax 20 11105-01  
General purpose rendering mortar (GP)  
For external use

Reaction to fire:	Class A1
Adhesion:	1.7 N/mm <sup>2</sup> - FP: B
Water absorption:	W2
Water vapour diffusion coefficient:	μ 35
Thermal conductivity:	(λ <sub>10, dry</sub> ) 0.42 W/mK (tab. mean value: P=50%)
Durability (against freeze/thaw):	evaluation based on provisions valid in the intended place of use of the mortar



The technical information and instructions supplied in this data sheet are based on our knowledge and experience. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the application are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. Our company designs and produces products intended to satisfy your needs. Please do not hesitate to contact us, if you encounter any technical problem.

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