



# 65

χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials



Technical Specifications

Date of issue: 28/11/2017

Version Number: 10th

## Spatofix hard

### Resin-enhanced fine-grained cement knife filler putty



uniform viscous mix with satisfactory workability is obtained. Allow the mix to «settle» for approximately 5 minutes and start spreading. For extra heavy duty applications, you may substitute 1 Lt. of water by 1 Lt. of Atlaplus latex Mortar Latex Admixture to increase adhesion; seal and enhanced endurance of the spread surface.

#### Application

Apply Spatofix hard in two coats using a putty knife or a putty sprayer. The second coat must be applied 2-3 hours after the initial, allowing it to become soaked. Surfaces must be ground with sander after 12 hours. Priming and paint coating shall be performed after the surface is ground and carefully cleaned.

#### Consumption

Approximately 1,1 Kg./m<sup>2</sup> for a 1 mm thick layer.

#### Storage

At least 12 months after date of production provided that the product is stored in closed bags and kept in a dry area protected against moisture.

#### Packaging

White	5 kg.	25 kg.
-------	-------	--------

#### Description

Covering resin based fine cement mortar, ideal for developing perfectly finished, smooth and highly durable surfaces without blemishes. Spatofix hard Spackle Knife Filler Putty levels and covers irregularities 1-4 mm; it provides perfect preparation of surfaces to be primed and finished. Easy to work with, it replaces the outdated oil based putty and eliminates the need of applying multiple coats with ultra fine putty.

It is classified as type PCC-R2 repair concrete mortar according to the EN 1504-3 standard.

#### Scope of application

Can be applied for knife filling and grouting of concrete surfaces as well as on plastered walls, ceilings, concrete, porous concrete, plaster board etc., primarily on outdoor but also on indoor building surfaces.

#### Surface preparation

Surfaces must be firm, clean and free from all loose materials, flaking paint or dust. It is recommended to lightly dampen surfaces before towelling. No priming of the surface is necessary.

#### Mixture preparation and thinning

To make ready for use, Spatofix hard only requires mixing with water. Add 25 Kg. (1 bag) of Spatofix hard Spackle Knife Filler Putty to approximately 7-8 Lt. clean water while stirring (5 Kg. to 1,4-1,6 Lt. water). Continue stirring by power drill at low speed until a lump-free





# 65

χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials



Technical Specifications

Date of issue: 28/11/2017

Version Number: 10th

## Spatofix hard

### Technical Specifications

**Form:** Powder

**Color:** White

#### Bulk Density Of Dry Mortar

[EN 1015-10]: 1350 Kg/m<sup>3</sup>

#### Compressive Strength

(28 Days) >5 N/mm<sup>2</sup>

[EN 1015-11]:

#### Compressive Strength Class

[EN 998-1]: CS II

#### Flexural Strength

[EN 1015-11]: >1,4 N/mm<sup>2</sup>

#### Adhesion Strength After

28 Days ≥0,5 N/mm<sup>2</sup> – FP: A

[EN 1015-12]:

#### Capillary Water Absorption

[EN 1015-18]: 0,25 Kg/m<sup>2</sup>min<sup>0,5</sup>

#### Capillary Water Absorption

Category [EN 998-1]: W1

Thermal Conductivity 0,40W/m·K(P=90%)/0,35W/m·K

[EN1745]: (P=50%)

Water Vapour Permeability 0,22·10<sup>-10</sup> Kg/m<sup>2</sup>·s·Pa

[EN 1015-19]:

#### Water Vapour Permeability

Coefficient [EN 998-1]: μ 8

**Workable Life:** 5-6 h at 20°C

# CE

ATLACOLL S.A., 25 Km Nt. Road Athens-Corinth,  
19600 Mandra, Attica, Greece

14

EN 1504-3

DoP No.: ATLACOLL- Spatofix Hard 14800-01

Concrete repair product for non structural repair PCC mortar  
(based on polymer modified hydraulic cement)

Compressive strength:	class R2
Chloride ion content:	≤ 0,05%
Adhesive Bond:	≥ 0,8 MPa or ≥ 0,5 MPa
Restrained shrinkage / expansion:	≥ 0,8 MPa or ≥ 0,5 MPa
Thermal compatibility part 1:	≥ 0,8 MPa
Capillary absorption:	≤ 0,5 kg·m <sup>-2</sup> ·h <sup>0,5</sup>
Dangerous substances:	comply with 5.4
Reaction to fire:	Class A1 or F



### 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.

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.

Σελίδα 2 από 2 / Page 2 from 2