



Cemenguaina Fibrata

Sheath liquid two-component cementitious fiber-reinforced, anti-stagnation, to high walkability.

Suitable to the gluing direct Of floors And tiles - colored

Description

CEMENGUAINA FIBRATA And a sheath liquid fiber-reinforced Of nature resinous cement-tizia, consisting of:

Component TO: dispersion in waterfall Of resins, fluidifiers, additives And fibers Of reinforcement select-tioned.

Component B: a mixture of cements specials and additives selected.

Its fluidity allows for easy and quick application with a spatula, roller or spray. Once ripe, CEMENGUAINA FIBRATA is completely waterproof. to the water, and unmatched characteristics Of elasticity And Of resistence to any temperatour and heat/freeze cycles. The membrane can be left "exposed" or finished with special finishing products: NAI-RETAN 200 POLYURETHANE /G, CERAMIC (until to 15 m²), W-REFLEX. Yes can choose Furthermore Of finish CEMENGUAINA FIBRATE gluing on the same any type Of tilesby means of the use of the glue NOI CM KOLFLEX, Of category C2TE S1. CEMENGUAINA FIBERATA, And walkable And completely resistant to the stagnation Of

waterfall, to the rays solar And to the environments marine. The fibers contained, they avoid there pose Of further armor-king, reinforcing directly The material And guaranteeing the characteristics Of walkability And the adequate resistances to the ordinary movements structural caused from vibrations And changesOf temperatures.

Use

CEMENGUAINA FIBRATA can be applied on most surfaces, even slightly humid, and even at low temperatures. It is the perfect waterproofing system ante for roofs plans, balconies, terraces, paving stones solar, covers in type. AND ideal Also For Waterproof showers and bathtubs before installing finishing coatings or ceramics.

Applicable on any building substrate: concrete, tiles, bituminous membranes, old waterproofing, wood, etc..

Advantages

- Exceptional characteristics Of adhesion on different types Of support
- Extreme ease And speed Of application;
- Applicable Also to low temperatures;
- Suitable to the gluing direct from the tiles Also After long period;
- Allows Of maintain the quote existing In the case of the execution Of a flooring
- Protects The screed below from assaults environmental;
- Walkable, resistant to the stagnation Of waterfall And to the rays UV.

Ways to use

Quality from the surface

The support must to result regularly mature, to be structurally stable and freefrom dirt, efflorescence, excessive humidity, oils, fats etc.

They go removed Furthermore, with adequate machinery, Everything is fine trace Of previous coverings, Andmaterials in away Of detachment That may to compromise the adhesion of the product.

THE consumption indicated I am from consider on surface perfectly smooth And to the net Of even-these dilutions.

Preparation from the surface

Support in cement And concrete

AND necessary to execute a accurate cleaning of the support, atta to remove parts inco-erent, dust, mosses, oils And whatever else could be provoke a poor adhesion of the



coating, then intervene with a sander (single brush) equipped with a disc abrasive. If necessary, to execute a washing acid (NAIDROP OR SUPERNET) or basic (type SUPERAWAX). After washing, wait 7-10 days at a temperature of approx. 23 °C. If the surface is too rough, smooth it out by hand. dianthe smoothing cementitious NOI CM SHAVER ULTRA (second form technique) or king- regulate it with NAI CM RE-LEVEL (according to Technical Data Sheet), after applying of the anchoring fund NAI BY 19.

Before starting waterproofing, it is necessary to prime and consolidate the surface applying to roller a hand Of CEMENGUAINA FIBRATE diluted with 10-15

% Of waterfall or in alternative with Nai 45 oh no 45H. (according to the card) technique).

In followed at the dilution with waterfall Of CEMENGUAINA FIBERATED, the fibers "Yes separate-will" from the product.

To facilitate application and to avoid any "build-ups" during application, fibers they will also be able to be filtered and removed.

FOCUS: check the degree of roughness and the "Ph" of the same; in the event that this is greater than 11, measured with appropriate litmus paper, it is mandatory to proceed with the installation of the Primaresina Barriera al Vapore anchoring base (according to the technical data sheet. For the waterproofing of tanks, reservoirs and swimming pools, near of the joint between the floor and the wall you must first create special shells with NAIRETAN GUSCE.

• Resin, tiles in clinker, single-fired, stoneware And everyone the products to Bass candiesabsorbent

Check the adhesion of the tiles to the screed. In case of non-adhesion, remove the tile(s) and fill the gap with pre-mixed mortar such as NAI CM RE LEVEL, (according to technical sheet).

To roughen all there surface with sander (single brush) accompanied from disc abraded-I want and/or with flexible equipped with diamond cup.

If necessary Therefore, to execute a washing acid by means of NAIDROP or SUPER NET. In This case wait approx. 7-10 days to a temperature Of 23°C Before of the appli-cation Of CEMENGUAINA FIBERATED.

Often, in the terraces Of big surface, covered in tiles, Yes Note there presence of PVC joints that need to be treated beforehand. (For information contact our office technician)

Done there preparation of the support, And necessary apply a hand Of Nope 45 or Nope 45 H (180-200 gr/m^2).

• Supports in presence Of humidity residual Of nature cementitious or ceramic.

In case Of humidity residual, foresee there pose in work Of aerators Everything is fine 25-30 m², in order to allow the evaporation of the water contained in the cement screed. uncle. To install them, remove a space equal to its circumference. who, the thickness of the supports underlying (tiles and/or screed) until to reach the previous waterproofing system, taking care not to damage it. Place the aerator And restore there surface previously removed with Malta cementitious type "No CM "Restoration".

Following suitable preparation of the supports (as reported above), which must to result stable And absorbents, apply rather than the primer generally expected, The bottom anchoring agent for damp surfaces called "Primaresina Barriera al Vapore" (350 g/m²) according to the methods of the relevant technical data sheet, in order to avoid swelling minds of the subsequent waterproofing system.

Sheath bituminous traditional and/or slate

Check the condition of the bituminous sheathing and make sure it has been laid for at least 8 months: Any swelling should be cut centrally and subsequently- mind rewelded by means of torch to fire or sealed with FLEXIBLE.

The same operation must be carried out on the vertical edges and along the joints. (if the bituminous sheath is in an advanced state of deterioration and completely detached from the support must to be removed). Proceed with an accurate one cleaning from the surface and apply to roller a bottom anchoring: NOI 45 or NOI 45 H (180-200 gr/m²).



In case of bituminous slate sheathing, first remove the excess slate not perfectly cohesive. After the anchoring primer, apply CEMENGUAINA FIBRATA, considering on the sheath slate a increase in the consumption (Of approx. 600-700 gr/m², from apply to roller or spatula) due to the application on a surface irregular. On sheath slate, The bottom anchoring can to be replaced with the application Of a layer of NAILLASTIC BIT (500 gr/m²)

Restore Of possible slopes

Check That The support is perfectly seasoned, clean, dry And deprived Of parts inconsistent. Also make sure that the substrate is not subject to rising damp. Any form of dirt such as grease, traces of dust or residues from previous processes teeth must to be totally removed, proceed at the preparation And at the pose Of NAI CM RE-LEVEL as per technical sheet.

• Treatment possible joints

The substrates on which waterproofing coatings are applied are sometimes not conyou continue, being present the different typologies Of joints typical from the floorings. For- so much, When There Yes prepare to realize a waterproofing, such points Of disco- inconstancy they must to be identified And considered in phase Of design of the intervention. While, in any case, the "U" or "L" shaped surfaces must be divided into surfaces with square or rectangular shape to avoid possible structural movements that may compromise the coating. Correct treatment of the joints will allow to man- keep the waterproof system unchanged. (See Joint Manual or contact our Office Technician).

• Treatment of the corners

For guarantee a improve treatment and a major estate in the corners Between structures in elevation (parapets, reeds chimneys, plants passers-by etc...) And flooring, Before of the application Of CEMENGUAINA FIBRATA And advisable eliminate the corner live creating a light perimeter shell of minimum dimensions 2 cm x 2 cm with NAISIL POLYMER.

Preparation of the product

Pour component B into component A and mix with a low-speed mixer. a mixer equipped with a special impeller until obtaining a homogeneous and lump-free mixture lumps.

In the periods winter, if Yes wants to speed up The process Of drying, Yes can addadd the specific powder additive (available separately) to component B in maximum of 2% of the weight (A+B). This procedure must be carried out Before to mix component B in the component A.

Attention: the addition of the additive may slightly vary the basic shade of the product.



Application of the material

Apply The product to spatula smooth, roller, brush or spray, crossing the hands so that let it happen a correct distribution of the fibers.

Application to roller and/or brush

Apply The product in at least 4 hands And in the consumption expected, waiting Between a hand And the other one a time sufficient to allow the hardening of the product but Not beyond the 48-72 hours (if more, apply a coat of NAI 45 or NAI 45H). Use creased rollers at hair long For ensure a correct thickness of the coating.

• Application to trowel

Apply the product in at least 2 coats and in the expected consumption, exercising a light pressure on the surface and waiting, between one hand and the other, a sufficient time to allow the hardening of the product And Anyway Not beyond the 48 hours (if beyond, applya hand of NAI 45 or NAI 45H).

• Application to airless

The device second there our experience can have the following parameters: Pressure approx. 1 Bar Pistol to flow free: diameter nozzle 6 mm.

The application must be carried out by obtaining continuous layers of uniform thickness. Attention to say Always the hardening of the layer Before Of proceed to the application of the next.Cross always the direction of application of the hands.

Cleaning tools

Clean everyone The tools After the use with waterfall. The product hardened go removed mechanically-tea.

And appropriate know That, a waterproofing made with a system to base Of resins, requires an appropriate one preparation of the supports considering That The thicknesses that will be realized, expressed in mm, would perfectly "highlight" any anomalies spells existing. A support prepared to rule of art provides, where necessary, there correction- no Of slopes, The filling from the decompressions, there replacement Of possible tiles self-propelled, particular shavings of visibly non-smooth cementitious supports.

Finishes For CEMENGUAINA FIBRATA

CERAMIC (max. 15 m²) NAIRETAN 200 POLYURETHANE/G TILE FLOORING W-REFLEX

For the finishes indicate, And necessary wait there complete maturation That it happens After6-7 gg. at temperature of 25°C. UR 55% Ceramic tiles and vitrified mosaics can be applied on CEMENGUAINA FIBRATA using

NAI CM KOLFLEX Of category C2TE S1.



PARAMETER	VALUE
Type Of product	two-component
Relationship of catalysis	3:1 (liquid dust)
Color	grey clear, grey dark, red, green
l wait	component TO : creamy component B: dust
Weight specific (g/cmS)	1.26 ± 0.05
Flexibility	> 100%
Temperature of exercise	from – 20 °C to + 60 °C
Class Of resistence at the slipping	"R 11"
Pot	12 + 2 hours
Viscosity (without fibers)	3500 ± 500 mPas (rpm=20, R3, 25°C)
Residue dry	72%
Temperature Of application	from +5 to + 40°C (if additive > 0° C)
Out dust	from 1 to 12 hours (in function from the T° external)
T' Of	from 1 to 12 hours (in function from the T° external)
T° minimum Of filming	> 0 °C
Consumption medium final	Minimum 2 kg/m ² on surface smooth
Consumption For hand	Max 1kg/m² per spatula Max 0.500 kg/ m² to roller
Surfaces Of application	Cls, cement, sheaths bituminous, ceramic, stoneware, wood.
Thickness movie dry	1.1 mm (2 kg/m²)
Storage	1 year to temperature included Between +5 And +35 °C distant from humidity
Cleaning tools	with water (before hardening)
VOC	DIR 2004/42/CE: Single-component paint with high performance (B/A). Limit value for this product (CAT.A/i) 140 g/l. Cemenguaina Fibre contains 6 g/l COV

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MARKING THERE IS	
REGULATIONS EN 14891-2012	
Membership to traction initial	≥ 0.8 N/mm²
Membership to traction After aging thermal	≥ 1.15 N/mm²
Membership to traction After dive in waterfall	≥ 0.65 N/mm²
Membership to traction After dive in waterfallof lime	≥ 0.60 N/mm²
Membership to traction After cycles frost - thaw	≥ 0.5 N/mm²
Waterproof	None penetration
Release substances dangerous	In the legal limits
Capacity Of Crack Bridging / method trial EN 14891	
in condition normal to +23 C°	≥ 2.19mm
in conditions -20 C°	≥ 1.06 mm
REGULATIONS EN 15004	
Permeability at the CO 2	SD = 80,352 m
Force Of adhesion For traction live	1
Permeability to the steam watery	Class THE permeable to the steam watery
Method trial EN 1062-3	
Absorption capillary And permeability to the water	0.02 kg/m². h ^{0.5} - w ₃ (low)



Reaction to the fire

Class BFL

Packages

(Total comp. A+B): Kg 5 - 20 (Pre-dosed)

<u>Warnings</u>

Do not apply: at temperatures below 0 °C; on surfaces subject to continuous rising damp. waterfall And humidity; on surfaces wet, frosts or in forecasts Of these in the next 12 hours; in case of persistent fog; directly on lightened substrates or on panels heat insulating (in this case contact our technical office); directly on surfaces with pH > 11. Cement and/or concrete screeds must be perfectly cured (beyond 28 days). Avoid stagnation Of waterfall on the surface of the coating Between The layers until completely hardened. During installation, consider that a high humidity level slow down the drying of the product And That rain, high badger Of dew or other precipitation can wash away the product if not dry. In case of supports that present humidity residual (due to precipitation), to the end Of to favor the evaporation from the same in way more quick and avoid swelling of the waterproofing layer, it is advisable to lay it in work Of aerators (For major information contact The ours Office Technician). Keep the packages whole In the They packaging original, in environment dry to temperature included between +5 and +35 °C. In case of contact with eyes, rinse thoroughly with water and Consult a doctor immediately. Wear gloves and goggles when using. protective, use all necessary precautions. For further and complete information regard the use, in way Safe of the product Yes recommends Of consult the last one version from the form Of safety. For further information on the pose Of CEMENGUAINA FIBRATA consult our Technical Office. Always check the latest update of the form technique consulted. In the period following the application and proportionally to the warmer temperatures, a

natural stickiness of the coat may occur which is not to be considered a defect and does not affect the effectiveness but, on the contrary, is a quality feature of the product for the high content Of resins. Such reaction will go to fade away with The pass time.

Specifications

Waterproofing Of any type Of surface walkable (roofs plans, balconies, terraces, paving stones solar, covers in type, walls Of foundation, flower boxes, gardens wall units...), dry, wet - from to be carried out Also to temperatures ≥ 0 °C - with sheath liquid-cement two-component walkable type CEMENGUAINA FIBRATA –Naici-, applied with a spatula or roller with a consumption of no less than 2 kg/m², to be left exposed, finished with acrylic systems, polyurethanes, or For paste directly floorings Of any type.

Service

NAICI, in addition to its sales offices, offers its customers a TEAM OF SPECIALIZED PERSONNEL for technical assistance and any application of the product.

This sheet is based on our best knowledge of the product. Since we cannot exercise any control over the application of the same and there are multiple variations of use, NAICI assumes no responsibility for the use of the product. Always do reference at the last one version updated from the form technique, available on the site www.naici.it

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