



NP5 Fibrata

Sheath liquid fiber-reinforced applicable to roller or brush.
Colorful.

Description

NP5 FIBRATA is a single-component, fibre-reinforced liquid sheath, available in various colours, which forms an elastic and waterproof membrane.

The fibers contained they avoid there pose Of further armor, reinforcing directly The material and ensuring moderate trampling characteristics.

Use

Waterproofing Of balconies, terraces, paving stones solar, And covers in type.

NP 5 FIBRATA, can to be engaged in way continuous For The treatment Of surfaces buildings of any size, directly exposed to atmospheric agents.

Advantages

- Easy application
- Not need Of armor Of reinforcement
- Absence Of "welds"
- Good adhesion on any type Of substrate
- Single component ready to use
- Resistant to the rays UV
- Not need Of armor Of reinforcement

Mode Of use

Surface quality

The substrate must be regularly mature, structurally stable and free from dirt, efflorescence, humidity, oils, greases, etc.

They go removed, with adequate machinery, possible traces Of previous coverings And materials in the process of detaching which could compromise the adhesion of the product.

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

Preparation from the surface

• Support in cement And concrete (or supports absorbents in type)

It is necessary to carry out a thorough cleaning of the support, in order to remove incoherent parts, dust, moss, oils and anything else that could cause poor adhesion of the coating, intervene Therefore with sander (single brush) accompanied from abrasive disc. If necessary to execute a washing acid (NAIDROP OR SUPERNET) or basic (SUPER AWAX.) After washing, wait for the surface to dry completely (approx. 7-10 days at a temperature of approx. 20 °C).

In the case Of a support in cement, it will be necessary check The degree Of roughness and The ph. of the same. In the case results to be too raw, will be necessary shave it with cement plaster type NAI CM RASANTE ULTRA or regularize it NAI CM RE-LEVEL (according to the technical data sheet), after applying the NAI BY 19 anchoring primer.

If the PH of the cement is higher than 11, measured with a specific litmus paper, it is mandatory to proceed with the installation of the Primamaresina barriera vapore anchoring base (according to the technical data sheet).

Before Of start the waterproofing And necessary to prime And consolidate there surface with a hand Of NP5 FIBRATA diluted with The 10 - 20% waterfall, or in alternative with Nai 45 or Nai 45H. (In followed at the dilution with waterfall the fibers Yes "they will separate" from the product. For facilitate there drafting And For avoid possible "accumulations" during the application - the fibres can also be filtered and removed).

• Resin, tiles in clinker, single-fired, stoneware And everyone the supports to Bass absorbent power

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 (NAI CM MASSETTO or NAI CM RE-LEVEL), after applying an anchoring grout composed of 2 parts cement and 1 part NAI BY 19.

Roughen the entire surface with a sander (or single-brush machine) equipped with an abrasive disc and/or a flexible disc equipped with a 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 at a minimum temperature of 20°C before applying NP5 FIBRATA.

Once the substrate has been prepared, it is necessary to apply a coat of Nai 45 or Nai 45 H (180-200 g/m²).

Often, in large terraces covered in tiles, the presence of joints is noticeable in PVC That they go Treaties preventively. (For information contact The ours technical office).

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

In case of residual humidity, plan to install aerators every 25-30 m², so from allow the evaporation of the water contained In the screed cementitious. For installation of the same remove For a space even at the its circumference, the thickness of the underlying supports (tiles and/or screed) until reaching the previous waterproofing system, taking care not to damage it. Position the aerator And restore there surface previously removed with Malta cementitious type "Nai CM Ripristino".

Following suitable preparation of the substrates (as reported above), which must be stable and absorbent, apply the anchoring primer instead of the generally recommended primers. For surfaces wet called "Primaresina barriera vapore" (350 g/m²) according to the mode from the relative form technique, in way from avoid swellings 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 bulges must be cut centrally and then welded using a torch or sealed with FLEXIBIT. 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 it must be removed). In the case of bituminous slate sheathing, remove any excess slate that is not perfectly cohesive.

Apply in advance a hand Of bottom anchoring: NAI 45 or NAI 45 H And then apply NP5 FIBRATA.

On slate sheathing, consider an increase in consumption due to application on an irregular surface.

On slate sheathing, the anchoring base can be replaced with an application of NAILASTIC BIT (500 gr/m²).

• Backgrounds in wood

THE panels in wood they must to be in good conditions, well adherents And mechanically fixed.

Done there preparation of the support, apply to roller a bottom anchoring: NAI 45 or NAI 45 H (for consumption, see the relevant technical data sheets).

• Supports metallic

Roughen the surface and remove any rust (if necessary apply NAIRUST rust converter).

Apply The bottom anchoring For surfaces metallic NAI 80 as from form technique , once dry, coat with NP5 FIBRATA within 24 hours.

• Restore Of possible slopes

Make sure the substrate is perfectly seasoned, clean, dry and free of loose parts.

Make sure Furthermore That The support Not is subject to rise again Of humidity. Any form Of dirty which anointed, traces Of dust or residues Of processing previous must to be totally removed, proceed at the preparation And at the pose Of NAI CM RE-LEVEL as technical sheet.

• **Treatment possible joints**

The substrates on which waterproofing coatings are applied are sometimes not continuous, being present the different typologies Of joints typical from the floorings. Therefore, When There Yes prepare to realize a waterproofing, such points Of discontinuity 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 square or rectangular shaped surfaces to avoid possible structural movements that could compromise the coating. The correct treatment of the joints will allow the waterproof system to be kept unchanged. (See Joints 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 application Of NP 5 FIBRATA And advisable eliminate the corner live creating a light perimeter shell with minimum dimensions of 2 cm x 2 cm using NAISIL POLIMERO or FLEXIBIT.

Preparation of the product

NP5 FIBRATA is ready to use.

Before of the application to mix manually The product until to the achievement Of a homogeneous consistency. After application, close the package tightly for subsequent reuse of the product.

Application of the material consequent at the preparation from the surface

NP5 FIBRATA apply to roller or brush.

• **Application to roller**

Apply The product in more hands and in the consumption expected, crossing the hands, for it to happen a correct distribution from the fibers. Wait Between a hand And the other one The time necessary to allow the product to harden and in any case no more than 48 hours. Consumption per coat must not exceed 500 gr/m². The minimum final consumption is 2 kg/m² (in function of the absorption And from the flatness from the surface). Use corded rollers to hair long For ensure a correct thickness of the coating. To the termine from the processing to check visually That The cloak waterproof results uniform.

• **Application to brush**

Use brushes to bristles soft

Cleaning tools

Clean all tools after use with water. The hardened product must be removed mechanically .

And appropriate know That, a waterproofing made with a system to resin base, requires appropriate preparation of the substrates considering that the thicknesses That Yes they will realize, expressed in mm, “would highlight” perfectly the any existing anomalies. A support prepared according to the rules of the art includes, where necessary, the correction Of slopes, The filling from the decompressions, there replacement Of any self-propelled tiles, particular smoothing of visibly unsmooth cement supports.

Finishes For NP5 FIBRATA

• NAIRETAN 200 POLIURETANICO/G • W- REFLEX

For the possible application of finishing coatings (according to the methods indicated in the relevant technical data sheet), it is necessary to wait for the perfect maturation of NP 5 FIBRATA, approximately 6-7 days at a minimum temperature of 25°C.

Technical Data

PARAMETER	VALUE
Type Of product	single component
I wait	liquid, dense
Color	white, red, grey, red tile, green
Conservation	12 months from the date Of production stored in original packaging, in a dry place at a temperature between +10 and +35 °C.
Nature chemistry	dispersion styrene acrylic
Weight specific	1.4 gr/ cmS ± 0.05
Residue dry	66%± 1%
Viscosity (without fibers)	12000 ± 500 mPas (rpm = 20, R5, 25°C)
Temperature Of application	<ul style="list-style-type: none"> • background: min. +10°C- max. +35°C • environment: min.: +10°C - max. +30°C
Consumption	<ul style="list-style-type: none"> • min. 2 kg/m² in more hands • max. 500 gr/m² For hand
Surfaces Of application	cls, cement, sheaths bituminous, ceramic, stoneware, wood
Thickness movie dry	470 mm per kg/m ²
Temperature Of exercise	- 5 °C + 60 °C
Flexibility	100%
Out dust (to 25°C – UR 50%)	6 hours
VOC	DIRECTOR 2004/42/EC: Painting single-component high-performance (B/A). Limit value for This product (CAT.A/i) 140 g/l. NP5 FIBRATA contains 19 g/l VOC
Release Of substances dangerous	in the limits from the law
Humidity of the background superficial	Not admitted
Humidity Of rise again persistent	Not admitted

MARKING THERE IS	
Regulations EN 1504- 2	
Permeability at the CO ₂	S _d >50 m
Force Of adhesion For traction live	0.6
Permeability to the steam watery	Class THE permeable to the steam watery
Absorption capillary And permeability	0.021 kg/m ² . h ^{0,5} - w ₃ (low)
Regulations EN 13501	
Reaction to the fire	AND
Capacity Of Crack Bridging / method trial EN 14891	
in conditions normal to +23 C°	0.79 mm

Packages

1 kg – 5 kg – 20 kg

Warnings

Not apply to temperatures inferior to 10 °C; Not apply on surfaces subject to continues rise again Of waterfall And humidity; Not apply on surfaces wet, frosts or in forecasts of these in the next 12 hours; Not apply in case Of fog persistent; Not apply directly on lightweight substrates or on heat-insulating panels (in this case contact our technical office); Do not apply directly to surfaces with pH > 11.

Cement and/or concrete screeds must be perfectly cured (over 28 days).

Mix Well manually And Not with mixer mechanical.

Avoid stagnation Of waterfall on the surface of the coating Between The layers until to the complete hardening. In phase Of pose consider That a high badger Of humidity slow down drying of the product and that rain, high dew rate or other precipitation may to wash away The product if Not dry.

Do not apply on surfaces with high water stagnation, ensure normal flow. Store the packages intact in their original packaging, in a dry environment at a temperature between +10 and +35 °C.

In the period following the application and proportionally to the warmer temperatures, it can occur a natural stickiness of the cloak That Not And from to consider oneself a defect And does not prejudice the effectiveness, but to the on the contrary And a characteristic Of quality of the product For the high resin content. This reaction will diminish over time.

For exposed surfaces, in order to maintain the characteristics of the product over time, And appropriate to execute there cleaning periodic, in way from eliminate accumulations Of dirt, which could reduce its performance over time.

In case Of contact with eyes, wash abundantly with waterfall And consult the doctor immediately.

During the use, wear the gloves And eyeglasses protective, use all the necessary pre-cautions. For further And complete information regard the use, in way Safe of the product it is recommended to consult the latest version of the safety data sheet.

For further information on the pose Of NP 5 FIBRATE consult The ours Office Technician.

Specifications

Waterproofing of balconies or terraces, protection of galvanized sheets, iron and wood, protection Of cornices And chimneys. With sheath liquid single component, fibre-reinforced polymer-based paint in aqueous emulsion applied by roller or brush called NP 5 FIBRATA, for a minimum final consumption of 2 kg/m².

Service

NAICI, in addition to its sales offices, offers its customers a TEAM OF STAFF SPECIALIZED For the assistance technique And the possible application of the product.

There present form And in base to the ours best knowledge on the product. Not being able to exercise any check on 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 to the latest updated version of the technical sheet, available on the website www.naici.it