



# NP5

## Sheath liquid elastomeric inspectable

### Description

NP 5 is a sheath liquid elastomeric thixotropic That form, a time hardened, a limbs elastic and waterproof for a perfect barrier to the water and a protection definitive roofs, balconies And terraces. Allows a moderate walkability.

### Use

Waterproofing to view Of balconies, covers And complements, which chimneys, parapets, etc...Applicable on screeds cementitious existing And new, sheaths bituminous, flooring, super-figs builders in type.

### Advantages

- Resistant to the rays UV
- Easy application
- Allows Of maintain the quote existing

### Ways to use

#### Quality of the support

The support must to result regularly mature, to be structurally stable and free from dirty, efflorescence, humidity, oils, fats etc. Possible traces of previous coverings And but-materials in away Of detachment That they can to compromise the adhesion of the product they go removed, with appropriate equipment. In different conditions and for all specific uses contact our Office Technician.

#### Preparation from the surface

##### • Cement And concrete

Necessary to execute a accurate cleaning of the support, removing parts inconsistent, pol-true, mosses, oils And whatever else could be provoke a poor adhesion of the coating; intervene Therefore with sander (single brush) accompanied from disc abrasive. If necessary- river to execute a washing acid (NAIDROP OR SUPERNET) or basic (type SUPERA WAX) in function from the typology Of dirty from remove. To followed of the washing, past 7-10 days to a temperature Of approx. 23°C, proceed with the application Of NP 5.

In case Of support in cement, it will be necessary check The degree Of roughness and The "Ph" of the same; In the case in which This is superior to 11, And obligatory proceed at the pose in work of the bottom anchoring "Primaresina barriera vapore" (second data sheet).

Furthermore, in the eventuality That The support results to be excessively raw, to carry out a shaving (making it similar to a plaster trowelled smooth) by means of smoothing cementitious NAI CM RASANTE ULTRA or regularize it with NAI CM RE-LEVEL (according to the data sheet) technique), previous application of the bottom anchoring NAI BY 19.

Before Of start the waterproofing And necessary to prime And consolidate there superficie with a layer applied to roller Of NP 5 diluted with max 10% Of waterfall, or in alternativewith Nai 45 or Nai 45H.

##### • Resin, klinker tiles, single-fired tiles, stoneware and all products with low absorbency

Check the state Of adhesion from the tiles to the screed. In case Of non-adherence, remove-king the/the tile/s And fill The empty by means of Malta premixed (No CM KING LEVEL), previous application Of a grout Of anchoring Between 2 parts Of cement And 1 part of NAI BY 19. To roughen all there surface with sander (single brush) accompanied from disc abrasive and/or with flexible accompanied with cup diamond. If necessary Therefore, to execute a wash-acid solution using NAIDROP or SUPER NET. In this case wait approx. 7-10 days to a temperature Of 23°C Before of the application Of NP 5.

Often, in the terraces Of big surface, covered in tiles, Yes Note there presence Of joints in PVC That they go Treaties preventively, (For information contact The ours office technician).

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

• **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 m<sup>2</sup>, in way from allow the evaporation of the water contained in the cement screed. For the installation of the same remove For a space even at the its circumference, the thickness of the supports underlying (tiles and/or screed) until to reach The previous system waterproof, doing Attention to Not damage it. Place the aerator And restore there superficie previously removed with Malta cementitious type "Nai CM Ripristino".

Followed of suitable preparation of the supports (as on reported), the which they will have to result stable and absorbents, apply rather than the primer generally expected, The bottom anchoring For surfaces wet called "Primaresina barriera vapore" (350 g/m<sup>2</sup>) second the fashion from the relative form technique, in way from avoid swellings of the next systemwaterproofing.

• **Sheath bituminous traditional and/or slate**

Check the state from the sheath bituminous and to make sure That is laid down from at least 8 months: The possible swellings they must to be cut centrally And subsequently rewelded by means of a fire torch or sealing with FLEXIBIT. The same operation must be performed on implications verticals And long the joints (if there sheath bituminous And in advanced state Of degradation And detached totally from the support must to be removed). Proceed with thoroughly clean the surface and apply an anchoring primer with a roller: NAI 45 or NAI45 H (180-200 gr/m<sup>2</sup>).

In case Of sheath bituminous slate, Before Of All remove the slate in excess Not perfectly cohesive. After the anchoring primer, apply NP 5, considering on the sheath slate a increase in the consumption (Of approx. 500 gr/m<sup>2</sup>) due to the application on a superficie irregular. On sheath slate, The bottom anchoring can to be replaced with the app Of a layer Of NAILLASTIC BIT (500 gr/m<sup>2</sup>).

• **Restore Of possible slopes**

Check That The support is perfectly seasoned, clean, dry And deprived of parts meet-sistent. Also make sure that the substrate is not subject to rising damp. 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 from form technique.

• **Treatment Of possible joints**

Thesupports on which Yes they apply the coverings waterproofing to times Not I am continue, being present the different typologies of joints typical from the floorings. Therefore, how much-do 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 Everything is fine case, the surfaces to form Of "U" or "THE" they go uniforms in surface to form square or rectangular For avoid the possible movements structural may to compromise The coating. The correct treatment of the joints, will allow Of maintain unchanged The system waterproof. (See Manual of the joints or contact The ours Office Technician).

**Preparation of the product**

NP 5 And a product ready for use. In case Of need Yes can proceed to a lightly diluted with waterfall clean (max. 10%).

**Application of the material, consequent at the preparation of the support**

• **Application to roller and/or brush**

Apply a hand Of product with roller cordoned or brush, on the product Still fresh, place the MAT 225 or alternatively TEX CORE 130 fibreglass armour and impregnate carefully with a next hand of NP5, avoiding there training Of bubbles of air. We recommend waterproofing all elevated structures (perimeter walls, (trails), pre-cutting stripes Of armor from 25-30 cm, That cover there wall vertical Of at least 10-15 cm And there surface horizontal Of at least 10 cm; subsequently Yes can

proceed with there surface horizontal, with the trick Of to pose there new armor superimposed Of approx. 5 cm to that stretched out in precedence. TO distance Of 3-4 hours moon on the other, And Anyway preferably Not beyond the 48 hours. (if beyond, apply a hand Nai 45 or Nai 45 H). Subsequent coats must be applied once the previous ones.

The consumption final must to be included Between the 2 And the 2.5 kg/m<sup>2</sup> (in function of the absorption- you from the surface And of the type Of armor used). The consumption max For hand And Of 400 gr/m<sup>2</sup>.

At the end to check visually That The cloak is uniform And deprived Of micro holes.

#### • Application to airless

After the "armoring" phase performed in the manner described above, it is possible apply The product by means of pump airless (with appropriate nozzle), in more hands, each- no to drying from the previous, until to the achievement of the consumption expected

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

#### Cleaning tools

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

Is 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 Yes they will realize, expressed in mm, "would highlight" perfectly the possible anomalie existing. A properly prepared support includes, where necessary, the correction of slopes, The filling from the decompressions, there replacement Of possible tiles semo- winds, details shavings of the supports cementitious visibly Not smooth.

#### Finishes For NP 5

Nairetan 200 Poliuretano/G

W Reflex

For the possible application of the coverings Of finish, (second relative form technique), And necessary wait there perfect maturation Of NP 5, about 6-7 days to a temperature Of approx. 25°C. UR 55%.

### Technical Data

PARAMETER	VALUE
Typology	single component
I wait	creamy
Color	white, And grey
Consumption	2 - 2.5 kg/m <sup>2</sup>
Out dust	6 hours to 25°C
T° Of overlap	within 36-48 hours to 25°C
Maturation complete	7 gg. (Temp. 25°C – UR 55%)
T° minimum Of application	10°C
Weight specific	1.49 gr/ml ± 0.050
Storage	1 year to temperature included Between +5 And +35 °C distantfrom humidity And frost.
Viscosity	12000 ± 500 mpas (rpm=20,r5, 25°c)
Thickness film dry	470 mm For kg/m <sup>2</sup>
COV	DIR 2004/42/CE: Single-component high-performance paintstations (B/A). Value limit For This product (CAT.A/i) 140 g/l. NP5 contains 20 g/l VOC
Humidity of the background superficial	Not admitted
Humidity Of rise again persistent	Not admitted

## Packages

5 kg – 20 kg

## Warnings

Do not apply at temperatures below 10°C; Do not apply on surfaces subject to continuous 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- tea on backgrounds lighten up or on panels heat insulating (in such case contact The our office technician); Not apply directly on surfaces with pH > Of 11. THE screeds in cement and/or cal-concrete must be perfectly cured (over 28 days). Avoid water stagnation on the surface of the coating Between The layers until to the complete hardening. In phase Of pose considerate That a high badger Of humidity slow down the drying of the product And That rain, high badger Of dew or other precipitation they can to wash away The product if Not dry. Not apply-king on surfaces subject to stagnation Of waterfall, ensure The normal outflow.

In the period next to the application And proportionally to the temperatures more hot, can occur a natural stickiness of the cloak That Not And from to consider oneself a defect And Not preju- say the effectiveness, but to the on the contrary And a characteristic Of quality of the product For the high content- you Of resins. Such reaction will go to to fade away with The pass of the time.

Keep the packages whole In the They packaging original, in environment dry to temperature included Between + 10 And +35 °C.

For the surfaces exposed to view, to the end Of maintain In the time the characteristics of the product, And appropriate to execute there cleaning periodic, in way from eliminate accumulations Of dirty, the which bit-would be three reduce it the performance In the time. In case Of contact with eyes, wash abundantly with waterfall And consult immediate- mind The doctor.

During the use, wear the gloves And eyeglasses protective, use all the necessary precaution- no. For further And complete information regard the use, in way Safe of the product Yes racco-send Of consult the last one version from the form Of safety.

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

## Specifications

Waterproofing to view Of terraces, balconies, covers in type, with sheath liquid colo- single-component instalment type NP5 (Naici), reinforced with "MAT 225" glass wool or reinforcement fabric I force TEX CORE 130 (Naici), applied with roller cordoned, brush or specific airless in consumption including Between 2 -2.5 kg/m<sup>2</sup>, (to second of the support And from the type Of use)

## **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](http://www.naici.it)