



## NP7

Sheath liquid waterproofing walkable.  
Resistant to the stagnation of water, for tiling.

### Description

Is a sheath liquid waterproofing, to base Of resins in emulsion watery is available in different colors which, applied in several coats on a surface, creates a coat of donable with excellent quality of estate to the water and to the agents of aging and I liked- the aesthetic appearance.

NP7 is resistant to the rays UV And can to be left to view or covered with floor.

### Use

"Exposed" or for tiling, waterproofing of terraces, balconies, roofs and walls in black. Applicable on screeds old and new, sheaths bituminous, floorings And surface- There construction workers in general.

### Advantages

- Resistant to the rays UV
- 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
- Resistant to the stagnation of water
- Easy application

### Ways to use

#### Quality from the surface

The support must to result regularly mature, to be structurally stable and freefrom dirt, efflorescence, 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

It is necessary to perform a thorough cleaning of the support, suitable for removing loose partsrents, dust, mosses, oils and whatever else could be provoke a poor adhesion of the re-dress, intervene Therefore with sander (single brush) Otherwise, if necessary,perform an acid (NAIDROP or SUPERNET) or basic (SUPER AWAX type) wash.After washing, wait 7-10 days at a temperature of approx. 20 °C. In the event The support results to be too raw, to carry out a shaving (render-pain similar to a plaster trowelled smooth) by means of smoothing cementitious NAI CM RASANTE ULTRA or regularize it with NAI CM RE-LEVEL, previous application of the bottom anchoring NAI BY 19.

Primer there surface applying to roller a hand Of bottom anchoring NAI 45 or NAI45 H (according to the relevant technical data sheet)

FOCUS: check the degree of roughness and the "Ph" of the same; in case This is superior to 11, And obligatory proceed at the pose in work of the bottom still- ranting First resin Barrier to the Steam (second form technique).

##### • 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, re- move the tile/s and fill The empty by means of Malta premixed (type NAI CM MASSETTO), previous application of a grout of anchoring Between 2 parts Of cement

and 1 part of NAI BY 19. Roughen the entire surface with a sander (single brush) corded from disc abrasive and/or with flexible accompanied with cup diamond. 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 20°C Before of the application-NP 7 action

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

Once the substrate has been prepared, it is necessary to apply a coat of Nai 45 or Nai 45 H (180-200 gr/m<sup>2</sup>).

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

In case of residual humidity, plan to install aerators every 25-30 m<sup>2</sup>, in way from allow the evaporation of the water contained In the screed cementitious. For the installation of the same remove For a space even at the its circumference, the often- of the underlying supports (tiles and/or screed) until reaching the previous one system waterproofing, doing Attention to Not damage it. Place the are-operator and restore the previously removed surface with cement mortar such as "Nai CM Ripristino".

Following suitable preparation of the supports (as reported above), which must be re-stable and absorbent results, apply instead of the generally foreseen primers, the base anchoring For surfaces wet called "Primaresina barriera vapore" (350 g/m<sup>2</sup>) second the mode from the relative form technique, in way from avoid swellings of the next 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 years. months: any swelling must be cut centrally and subsequently you rewelded with a torch or sealed with FLEXIBIT. The same operation must be carried out on the vertical edges and along the joints (if the bituminous sheathing And in advanced state Of degradation And detached totally from the support must to be removed- Proceed with a thorough cleaning of the surface and apply a primer with a roller anchoring: NAI 45 or NAI 45 H (180-200 gr/m<sup>2</sup>).

In case of bituminous slate sheathing, first remove the excess slate Not perfectly cohesive.

Apply in advance a hand of bottom anchoring: NAI 45 or NAI 45 H and then apply NP7. On slate sheathing consider an increase in consumption due to the application on a irregular surface.

On slate sheathing, the anchoring base can be replaced with an application of NAILASTIC BIT (500 gr/m<sup>2</sup>).

• **Backgrounds in wood**

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

Done there preparation of the support, apply to roller a bottom anchoring: NAI 45 or NAI 45 H (180-200 gr/m<sup>2</sup>).

• **Supports metallic**

Roughen the surface and remove any rust (if necessary apply con- vertitor of rust NAIRUST).

Apply the NAI 80 metal surface anchoring primer as per the technical data sheet, to drying happened, within 24 hours to cover with NP 7

• **Restore Of possible slopes**

Make sure the substrate is perfectly seasoned, clean, dry and free from loose parts. inconsistent. 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 prev- must be completely removed, proceed with the preparation and installation of NAI CM RE-LEVEL as per technical data sheet.

#### • Treatment possible joints

Supports on which Yes they apply the coverings waterproofing to times Not I am accounts, as the different types of joints typical of pavements are present. 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 to compromise The coating. The correct treatment of the joints, will allow Of keep- black unchanged The system waterproof. (See Manual of the joints or contact The ours Uf-fig 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 NP 7 it is advisable to eliminate the sharp corner by making a le- gera perimeter shell of minimum dimensions 2 cm x 2 cm using NAISIL POLIMERO or FLEXIBIT.

#### Preparation of the product

NP 7 is ready to use.

For to favor it the application add max 10% Of waterfall during there Before hand For there laying of the armor. If necessary, in case of necessity (for example on hot days) Very hot), can to be added max a 5% of waterfall For the hands subsequent.

#### Application of the material consequent at the preparation from the surface

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

Apply a coat of product with a roller or brush, on the still product fresh, place the MAT 225 fiberglass armor or alternatively the fabric reinforcement TEX-CORE 130 and impregnate thoroughly with a subsequent coat of NP7, avoiding the formation of air bubbles. We recommend waterproofing all elevated structures (perimeter walls), pre-cutting strips of reinforcement from 25-30 cm, covering the vertical wall by at least 10-15 cm and the horizontal surface horizontal of at least 10 cm; subsequently you can proceed with the horizontal surface horizontal, taking care to place the new reinforcement overlapping by approx. 5 cm that stretched out in precedence. The product go applied in at least four hands, to distance 3-4 hours apart, and preferably no more than 48 hours apart. (if more than 48 hours apart, apply a hand Of NAI 45 or NAI 45H). The hands next they must to be apply- cate once the previous ones have dried. The final consumption must be taken between 2 and 2.5 kg/m<sup>2</sup> (depending on the surface absorption and the type of armor used).

The consumption max for hand and 400 gr/m<sup>2</sup>. At the end to check visually That The cloakis uniform and free from micro-holes.

##### • Application to airless

After the “armoring” phase performed in the manner described above, it is possible bile apply The product by means of pump airless (with appropriate nozzle), in more hands, each one to dry the previous one, until the expected consumption is reached. I am.

#### Possible finishing for NP 7

NAIRETAN 200 POLIURETANICO/G

TILE FLOORING

W-REFLEX

For the possible application of finishing coatings, (according to the relevant technical data sheet) about), And necessary wait there perfect maturation of NP7, about 6-7 days to a perforation of approx. 25°C. UR 55%

Ceramic tiles and vitrified mosaics can be applied on NP7 using NOI CM KOLFLEX or in alternative a suitable adhesive cementitious For external Of category C2TE S1.

### Technical Data

PARAMETER	VALUE
Type Of product	single component
I wait	creamy
Color	white, red, red tile, grey, green
Nature chemistry	Dispersion styrene acrylic
Time drying	3 hours to 25°C RH=55%
Time Of overlap	within 48 hours to 25 °C
Maturation complete	7 days depending on temperature environmental.
Weight specific	1.5 ± 0.05 g/mS
Viscosity	1800 – 20,000 mPa.s rpm=20 RS
Stretching to break	> 60% (armed)
Flexibility to Freddo	< 0 °C
Membership on concrete	7.5 N/mm <sup>2</sup>
Temperature min.of appl.	+ 10 °C
Consumption depending on the type of support	2.0 – 2.5 Kg/m <sup>2</sup> on surfaces horizontal (with Mat 225 g/m <sup>2</sup> )
Residue dry	66 +/- 1%
Surfaces Of application	Cls, cement, sheaths bituminous, ceramic, stoneware, wood.
Thickness movie dry	0.4 mm* kg/m <sup>2</sup>
Temperature Of exercise	- 5 °C / + 60 °C
COV	DIR 2004/42/EC: One-component paints with high performance (BA). Limit value for this product (Cat. To the) 140 gr/L. NP7 contains 2.34 g/l VOC.
Conservation	12 months from the date Of production preserved in original packaging, in a dry place at a temperature included Between + 10 And +35 °C

### MARKING THERE IS

Regulations EN 14891:2012	
Waterproof	None penetration
Release Of substances dangerous	in the legal limits
Membership to traction initial	0.78 N/mm <sup>2</sup>
Membership to traction After aging thermal	0.88 N/mm <sup>2</sup>
Membership to traction After dive in waterfall	1.05 N/mm <sup>2</sup>
Membership to traction After dive in water of lime	0.94 N/mm <sup>2</sup>
Membership to traction After cycles frost – thaw	0.5 N/mm <sup>2</sup>
Capacity Of crack bridging armed with MAT 225	
In conditions standard (+23°C)	2.54 mm
In conditions (-20° C)	2.23 mm
Capacity Of crack bridging armed with TEX CORE 130	
In conditions standard (+23°C)	4.96 mm
In conditions (-20° C )	5.90 mm

## Packages

Kg. 1 - 5 - 20

## Warnings

Not apply to temperatures inferior to 10 °C; Not apply on surfaces subject to with rise again Of waterfall And humidity; Not apply on surfaces wet, frosts or in forecast-of these in the next 12 hours; Do not apply in case of persistent fog; Do not apply directly on lightweight substrates or on heat-insulating panels (in this case contact The our office technician); Not apply directly on surfaces with pH > Of 11. THE screeds in cement and/or concrete they must to be perfectly seasoned (beyond 28days).

Mix Well manually And Not with mixer mechanical.

Avoid stagnation Of waterfall on the surface of the coating Between The layers until to the completehardening. When laying, consider that a high humidity level slows down the drying process.product aging 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. Keep the packages whole In the They packaging original, in environment dry to tempe-turation between + 10 and +35 °C.

For the surfaces exposed to view, to the end Of maintain In the time the characteristics of the pro- learned, And appropriate to execute there cleaning periodic, in way from eliminate accumulations Of dirty,the which could reduce it performance in the time.

In case Of contact with eyes, wash abundantly with waterfall And consult immediate-mind the doctor.

When using, wear gloves and protective glasses, use all necessary precautions. For further and complete information regarding the safe use of the product Yes recommends Of consult the last one version from the form Of safety.

In the period next to the application And proportionally to the temperatures more hot, 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 resin content. Such reaction will go to to ease with The pass of time. For further information on the pose of NP7 consult The ours Office Technician.

## Specifications

Walkable or tileable waterproofing of terraces, balconies, industrial roofs striali, exposed walls with liquid water sheath type NP7 –Naici-, applied with a roller, brush or airless For a consumption Not inferior to 2-2.5 kg/m<sup>2</sup> For surfaces horizontal (in function of the type Of support) army with fiber Of glass type MAT 225 gr/m<sup>2</sup>, or in alterntive with the TEX-CORE 130 reinforcement fabric (after applying an anchoring primer NAI 45 or NAI 45 H).

## 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)