



Nailastic Bit

Sheath liquid waterproofing bituminous anti-root.
For surfaces exposed and against the ground.

Description

NAILASTIC BIT is a liquid waterproofing membrane, water-based, made up of re-polymeric sine, bitumen and selected additives. Once matured, it creates a layer of black color with special water-tight characteristics. NAILASTIC BIT is anti-root says according to the CEN/TS 14416 regulation. resistant to rays UV, anti-stagnation, pedestrian-bile.

Use

NAILASTIC BIT is used to restore old deteriorated bituminous sheaths, as waterproofing of roofs sloping, covers flat, gutters, walls against the ground, foundation, hanging gardens, flower boxes and as a protective coating for polyurethane insulation systems. applicable on any building substrate: concrete, tiles, bituminous sheaths, old impermeabilizations, wood, etc..

Advantages

- Not provides primer anchoring.
- Anti-root
- Resistant to the rays UV
- Applicable on the major part of the supports builders
- Performance insured In the time
- Walkable

How 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, with adequate machinery, possible traces 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, concrete or tiles in cement

It is necessary to carry out a thorough cleaning of the support, in order to remove any loose parts. rents, dust, mosses, oils and whatever else could be provoke a poor adhesion of the dress, intervene therefore with sander (single brush) accompanied from abrasive disc If necessary, perform an acid (NAIDROP or SUPER NET) or basic wash (SUPERAWAX.) To followed of the washing, past 7-10 days to a temperature of approx. 20 °C, proceed with the application of NAILASTIC BIT. In the case of a cement support chin, it will be necessary to check the degree of roughness and the pH of the same. In case it is be too rough, it will be necessary to smooth it with NAI CM RASANTE ULTRA cement-based smoother or regulate it with NAI CM RE-LEVEL (according to the technical sheet), previous application of the anchoring fund NAI BY 19.

In case the PH of the cement is higher than 11 measured with a specific paper litmus test And obligatory proceed at the pose in work of the bottom anchoring "Primaresina Barriera Vapore" (second technical sheet) Before of start the waterproofing and necessary to prime and consolidate the support cementitious with a hand Of NAILASTIC BIT mixed in reason of the 10th - 15% of water.

• Support in concrete (foundations, walls against the ground, flower boxes)

Remove any residues of release oils by pressure washing; the irons spacers possibly existing, they go removed And there surface must to be restore-

born with fibre-reinforced cement mortar called NAI CM RIPRISTINO; the nests of gravel, if present, they go shaved with NAI CM RIPRISTINO; the corners between vertical surfaces drops and horizontal they go connected by means of shells made with NAI CM RIPRISTINO.

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

Check the adhesion of the tiles to the screed. In case of non-adhesion, re- move the/the tile/s And fill The empty by means of Malta premixed (type NAI CM RE LEVEL), after applying an anchoring grout composed of 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 hose supplied 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 20°C Before of the application by NAILASTIC BIT.

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

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

In case of residual humidity, plan to install aerators every 25-30 m², 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- to swell stable and absorbents, apply, the bottom anchoring for surfaces wet name "Primaresina Barriera vapore" (350 g/m²) second the mode from the relative form technique, in way from avoid swellings of the next system waterproofing.

• **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: possible swellings they will have to be cut centrally And subsequently welded using a torch or with FLEXIBIT bituminous sealant. The same operation must be performed on the vertical edges and along the joints (if the sheath bituminous is in an advanced state of degradation and completely detached from the support must to be removed). In case Of sheath bituminous slate, remove the slate in exces I know not perfectly cohesive.

On slate sheathing consider an increase in consumption due to the application on a irregular surface (500 gr/m² about).

• **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 NAILLASTIC BIT.

• **Supports metallic**

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

• **Restore Of possible slopes**

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

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 prev- must be completely removed, proceed with the preparation and installation of NAI CM RE-LEVEL as technical data sheet.

• Treatment possible joints

The supports on which they apply the coverings waterproofing to times Not I am accounts. They can to be present the different typologies of joints typical from the paving- joints, overlaps of existing bituminous membranes, joints for re-casting of the lime ostrich etc.. Therefore, when you are preparing to make a waterproofing, such points Of discontinuity they must to be identified, considered in phase Of design-no of the intervention and appropriately treated.

Flat "U" or "L" shaped surfaces should be divided into square shaped surfaces or rectangular For avoid the possible movements structural may to compromise The shore-estimate. The correct treatment of the joints, will allow Of maintain unchanged The system-but waterproof. (contact The ours Office Technician).

Preparation of the product

NAILLASTIC BIT is t ready to use.

For to favor it the application add max 10-15% of waterfall during there Before hand For the 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.

After application, close the package tightly for subsequent reuse. product.

Application of the material consequent at the preparation from the surface

NAILLASTIC BIT apply to roller, brush or pump airless.

• Application to roller

For the supports where need the armor, apply a Before hand of NAILLASTIC BIT abundant, on which, while the product is still fresh, the fibreglass type will be laid MAT 225 or in alternative The tissue of reinforcement TEX CORE 130, Immediately After, always while fresh, apply a second coat of NAILASTIC BIT taking care to impregnate perfectly the armor just laid down.

Product dry, apply the hands next of NAILLASTIC BIT until to reaches king The consumption Not inferior to 2 kg/m² For surface completely army from leaves-exposed, depending on the type of support (minimum 2 kg if reinforced) and 2.5 kg/m² on surfaces to be buried.

Consumption For hand: max 500 gr/m²

• Brush application

Use brushes to bristles soft

• 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.

NAILASTIC BIT not need of armor exclusively In the case in which come apply- applied directly onto intact concrete and possibly for the reconstitution of the surface layer of bituminous membranes deteriorated by time, therefore wrinkled, dry, in this case after treating the overlaps of the same with specific bands armor. In both the cases, the consumption finals Of NAILASTIC BIT they will have to be of at least 2.5 kg/m².

Consumption product

• 2 kg/m² For surfaces to view completely armed

• 2.5 kg/m² For surfaces counter-ground And in the cases in which Not And expected there total armorfrom the surface.

Cleaning tools

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

And appropriate know That, a waterproofing made with a system to base of resins, requires appropriate preparation of the substrates considering that the thicknesses sad That Yes they will realize, expressed in mm, "would highlight" perfectly the possible

anomalies existing. A support prepared to rule of art provides, where necessary, there reaction of slopes, The filling from the decompressions, there replacement Of possible pia-stars self-propelled, special shavings of the cement supports visibly not smooth.

Finishes For NAILLASTIC BIT

• W-REFLEX • COLORBIT • NP 5 COLOR

For the possible application of the coverings Of finish, (second relative form technique), it is necessary to wait for the perfect maturation of NAILASTIC BIT, approximately 3 days at a time temperature of approx. 25°C. UR 55-60%.

Technical Data

PARAMETER	VALUE
Typology	single component
I wait	creamy
Color	anthracite (within from the packaging) black (to maturation happened of the product)
Nature chemistry	membrane acrylic - bituminous
Weight specific	1.33 +/- 0.05 gr/cmS
Viscosity	17,000 – 19,000 mPa.s rmp=20 R5
Residue dry	62.5%
Temperature Of exercise	- 20 °C / + 65 °C.
Temperature of application	+ 5°C + 35°C
Drying time (Temperature 23°C UR 55%-60%)	3 hours
Minimum complete maturation (Temperature 23°C UR 55%- 60%)	3 gg in dependence from the temperature environmental
Full maturation times (Temperature 23°C UR 55%- 60%)	7 days
Consumption minimum in function of the type of thesupport	• 2 kg/m² For surfaces from leave to view completely armed • 2.5 kg/m² For surfaces counter-ground And in the cases in which Notexpected the total armor
Consumption max For hand	500 gr/m²
Surfaces Of application	Cls, cement, sheaths bituminous, ceramic, stoneware, wood,surfaces metallic
Thickness movie dry	from 0.83 mm to 1.04 mm (in function of the employment expected)
Thickness movie dry armed	≥1 mm
Surrender in thickness	0.415 mm For kg/m²;
Conservation	12 months from the date of production stored in unopened packaging originals, in place dry to a temperature includedBetween +10 and +35 °C
COV	DIR 2004/42/CE: single-component paint with high performance (BA). Value limit ue For This product (CAT. To the): 140 g/L. NAILLASTIC BIT contains 16 g/L VOC.
MARKING THERE IS	
Regulations EN 1504-2	
Permeability at the CO ₂	S _D = 50 m
Force Of adhesion For traction live	0.8
Permeability to the steam watery	class I - permeable steamed watery
Absorption capillary And permeability to the water	0.012 kg/m². h ^{0.15} - w ₃ (low)
Reaction to the fire	E
Release Of substances dangerous	in the legal limits
Capacity Of Crack Bridging armed with TEX –CORE 130 / method trial EN 14891	
under normal conditions at +23 C°	16.13 mm
in conditions -20 C°	4.53 mm
UNI CEN/TS	



14416	
Resistance at the penetration from the roots	None penetration Of roots

Packages

Kg 1 - 5 - 20

Warnings

Do not apply at temperatures below 5°C; Do not apply on surfaces subject to continue rise again of water 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 our office technician); Not apply directly on surfaces with pH > 11. The cement and/or concrete supports must be perfectly seasoned (over 28 days).

Avoid water stagnation on the surface of the coating between the layers until complete hardening. 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 wash away the product if not dry. Keep the packages whole in their original packaging, in an environment dry to temperature included between +10 and +35 °C.

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 ease with the pass of time.

Before burying surfaces waterproofed with NAILASTIC BIT, it is recommended to protect the coat from any injuries or tears resulting from blows from blunt objects. To such about Yes can apply a membrane asphalt or polyethylene to high density or alternatively a double layer of 400gr/m² TNT. In case of contact with eyes, wash abundantly with water and consult immediately the doctor.

For the surfaces exposed to view, to the end of maintain in the time the characteristics of the product learned, and appropriate to execute there cleaning periodic, in way from eliminate accumulations of dirt, which could reduce its performance in the time.

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 to consult the last one version from the form of safety.

For further information on the pose NAILASTIC BIT consult our Office Technician.

Specifications

Waterproofing of surfaces flat and pendants, gardens wall units, flower boxes, walls against ground and foundations, with a single-component liquid waterproofing membrane based on water, root-proof and UV-resistant type NAILASTIC BIT – Naici. Applied with roller, brush or airless for a consumption not inferior to 2 kg/m² For surfaces from leave to view armed, in function of the type of support and 2.5 kg/m² on surfaces from to bury and in the cases in which it is not expected the full armor of the surface.

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