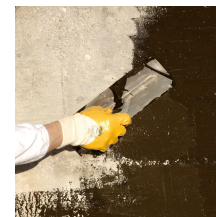


BLACK PLAST W

Fibre-reinforced waterproofing membrane in paste



TECHNICAL SPECIFICATIONS



FIELD OF APPLICATION



APPLICATIONS



Description

BLACK PLAST W is a waterproofing paste formulated with polymers and bitumen in an aqueous emulsion, fillers, additives and special fibres.

BLACK PLAST W has a consistency that makes it easy to apply without dripping vertically even with thick coats (pseudoplastic behaviour).

Once cured, BLACK PLAST W forms a very thick layer featuring excellent water-resistance.

The presence of fibres with high chemical and mechanical performances dispersed in the mass makes BLACK PLAST W particularly suited to the creation of impermeable coatings with plastered effect without having to add reinforcements.

Colour

The applied and solidified product is black.

Field of application

BLACK PLAST W is used as a waterproofing product for:

- Foundation walls, including those made of cement blocks.
- Drainage channels.
- Planters - supplemented with DERADIX – in structures capable of ensuring correct water drainage.

Advantages

Specific preparation of the laying support

- Foundations
 - Eliminate any residues of release agent with a power wash.
 - Eliminate the iron spacers (if any) and cover them with GROVE RAPIDO (or NORDGROUTH TIXO).
 - Skim coat any honeycombs and create a fillet in the corner between the floor slab and the wall using the same products.
- Flat surfaces (non-horizontal)
 - Eliminate any cement laitance using appropriate means (milling and power wash).
 - If necessary, use GROVE PRIMER and GROVE MASSETTO to make overlays.
 - In this case, wait 1 day for every cm of thickness applied for the product to cure before applying BLACK PLAST W.

Preparing the product

- The product is ready-to-use.
- Do not dilute.
- After opening the bucket, amalgamate the liquid present on the surface with the mass of product.

Application of the product

- Application conditions
 - Apply only on dry supports and in weather conditions that guarantee curing.
 - Apply in the absence of rainfall or when good weather is forecast at least for the next 48 hours, so that the product does not wash out.
 - If it rains after the product is applied, protected the treated surface with waterproof sheets for at least:

BLACK PLAST W

- 24 hours in summer (at a temperature of roughly 25–30°C).
- 2–3 days in winter (at a temperature of roughly 8–10°C).
- The use of waterproof sheets to protect the wet product against rain prevents it from washing off but also hampers the film's deep curing, jeopardising its final water resistance.

We therefore recommend using it for the time strictly necessary.

- If the product is wet by rain before it cures, the wash-out effect can be detected with a mere visual inspection.

→ The film has a dark brown/brownish colour instead of deep black.

→ The product has a poor internal consistency.

- The product can be applied up to temperatures approaching +5°C.
- Avoid applying the product if sub-zero temperatures are forecast during the night.

► Application

- Draw the product from the bucket with a square-tip trowel and spread it on a smooth steel or plastic plastering trowel.
- Apply BLACK PLAST W on the surface to be waterproofed with the trowel, taking care not to exceed the recommended consumption (see Consumption paragraph).
- Make a layer of even thickness.
- Compact and smooth the surface using the same tool (wet the trowel in water to facilitate this operation, especially in summer).

► Curing times

Since BLACK PLAST W is a product in aqueous emulsion, the curing times strictly depend on the environmental conditions.

- 24–48 hours during summer (at a temperature of roughly 25–30°C).
- 6–7 days during winter (at a temperature of roughly 8–10°C).

► Protection of the product

Once the product has cured, the waterproofing film must be protected before the structure is buried.

- On foundation walls, protect the surface with non-woven fabric of adequate thickness and grammage or with expanded polystyrene (EPS or XPS) slabs, in direct contact with BLACK PLAST W.
- It is possible to combine bossed membranes positioned on these protections with the bosses facing the ground to be filled.
- BLACK PLAST W is scarcely resistant to sunlight: protect in case of prolonged exposure.

► Burying of structures waterproofed with BLACK PLAST W

The burying phase always follows the installation of the appropriate protective layers mentioned in the previous paragraph.

The burying times are strictly dependent on the environmental conditions.

- 2–3 days during summer (at a temperature between 25–30°C).
- 8–10 days during winter (at a temperature of roughly 8–10°C).

Consumption

type of application	minimum consumption	maximum consumption	UoM	dilution
On all surfaces (depending on the coarseness of the support)	2,5	3,2	kg/m ²	-

Cleaning of tools

- Wet product: clean with water (including a power wash).
- Hardened product: remove mechanically, soak for at least 12 hours in ACETONE or nitro thinner, or use paint strippers (FLUID STRIPPER or GEL STRIPPER).

Useful application tips

- BLACK PLAST W is not recommended as a waterproofing membrane on flat structures.
 - Applicable on porous supports; the appearance of small blisters during the drying phase indicates that the amount of product applied (and thus its thickness) is insufficient.
- In this case, fresh product must be applied on the surface.

BLACK PLAST W

- On the dry and cured product, to apply a successive coat of BLACK PLAST W, use FONDO C60 (60–70 g/m², see Technical Sheet) as an adhesion primer.
- BLACK PLAST W cannot be used for waterproofing of pipes for drinking water or corrosive fluids.
- The product is not harmful to human health; nonetheless, read the Safety Sheet before use.

Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	1,10 ± 0,05
pH (potentiometric method) at 23°C, ISO 976	-	11 ± 2
Colour of the applied product	-	Black
Dry residue (at 125°C, 1 hour), ISO 3251	-	64 ± 1
► APPLICATION DATA AND FINAL PERFORMANCES	UoM	Value
Minimum film-forming temperature (MFFT), ISO 2115	°C	+5
Minimum commissioning time (at 23°C, 50% R.H.)	days	7
Behaviour with mechanical stress of the applied and cured film (7 days at 23°C, 50% R.H.)	-	Elastoplastic
Water resistance	-	High
Impermeability to water, testing time 24 hours, EN 1928	kPa	60

Storage of the product

- 24 months in the closed original packaging, in a dry and covered place away from direct sunlight, at a temperature between +5°C and +35°C.
- Protect the product against frost.

Packages

VARIANT	PACKAGE	ADR	PACKAGES PER PALLET	COMPONENTS
-	fustino da 4 kg	NO	120 fustini	
-	fustino da 16 kg	NO	33 fustini	

Legenda ADR:
NO = merce NON PERICOLOSA

LEGAL NOTES

Advice on how to use our products corresponds to the current state of our knowledge and does not involve the assumption of any guarantee and / or responsibility for the final result of the work. They do not refore exempt the customer from the responsibility of verifying the suitability of the products for the use and the prefixed purposes through preventive tests. The website www.nordresine.com contains the latest revision of this datasheet.

EDITION

Issue date: 03.01.2008
Revision: 26.02.2018