

BLACK SOLID

Consolidating-impregnating agent for protective chippings on bitumen membranes



Description

BLACK SOLID is a water-based impregnating/consolidating agent for granulated bitumen membranes, formulated with an aqueous emulsion of polymers with high molecular weight, preservatives and functional additives.

Once dry, BLACK SOLID leaves a polymeric film with the following characteristics:

- High adhesion to the chippings of the self-protected bitumen membrane.
- Resistance to UV rays.
- Elasticity and deformability.
- Resistance to ageing even under the constant action of weathering.

Field of application

BLACK SOLID is specially formulated to act as a consolidating and protective fixative for the chippings protecting SBS-type elastomeric bitumen membranes.

Advantages

- BLACK SOLID is easy to apply.
- BLACK SOLID allows for making a very inexpensive consolidation.

General preparation of the laying support

- Briefly clean the surface to be treated.
- Eliminate the soil accumulated in the water stagnation points.

Preparing the product

- BLACK SOLID is a liquid mono-component ready-to-use product.
- Always shake the product before drawing it.

Application of the product

BLACK SOLID is easy to apply and does not require special precautions.

- ▶ Application with a roller
 - Pour BLACK SOLID into a clean service container.
 - Apply with a roller making sure that the product penetrates deeply into the chippings.
 - If necessary, repeat the application with the roller several times until impregnating the support evenly and completely.
- ▶ Application by spraying
 - Spray the product directly as is on the surface to be treated using a low-pressure sprayer.
 - If necessary, repeat the application several times until impregnating the support evenly and completely.

Consumption

type of application	minimum consumption	maximum consumption	UoM	dilution
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The consumption depends on the size of the chippings and on the porosity of the coating to be treated.

Cleaning of tools

- Wet product: clean with water (including a power wash).
- Hardened product: remove mechanically, soak for at least 1 hour in ACETONE or nitro thinner, or use paint strippers (FLUID STRIPPER or GEL STRIPPER).

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Useful application tips

- Apply at ambient temperatures between +5 and +40°C.
- Read the Safety Sheet carefully before using the product.
- The application must be suspended if rain or snow is expected, in case of fog and when the temperature drops below +5°C.
- In case of application outdoors, protect the surface against rain in the first 12–24 hours after application.

Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	1,00 ± 0,05
pH (potentiometric method) at 23°C, ISO 976	-	8,0 ± 0,5
Brookfield apparent dynamic viscosity (23°C / 50% R.H. ASTM#4 spindle, 60 rpm), EN ISO 2555	mPa·s	1000 ± 300
Appearance	-	White liquid
Odour	-	Characteristic
► APPLICATION DATA AND FINAL PERFORMANCES	UoM	Value
Surface drying time (23°C, 50% R.H.), applied on slated membrane 0.3 l/m ² , EN ISO 9117-3	hours	3,0 ± 0,3
Application temperature	°C	From +5 to +40

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
-	4 taniche da 5 L	NO	-	
-	20 l tank	NO	-	

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 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

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