Idroplast Antiradice

Water-based waterproofing elastomeric bitumen liquid membrane with root-resistant additives



IDROPLAST ANTIRADICE is a water-based elastomeric bitumen liquid membrane made from a blend of synthetic resins, special bitumen, mineral fillers and additives that discourage vegetation growth.
IDROPLAST ANTIRADICE's special formulation ensures that, once dried, the resulting membrane features good elasticity with outstanding adhesion to the substrate, and excellent waterproofing properties.
With its liquid waterproofing membrane nature, **IDROPLAST ANTIRADICE** is ideal for use where applying prefabricated bitumen root barrier membranes proves problematic.

Certifications

CE 1600 PRODUCT COMPLIANT WITH EUROPEAN STANDARD EN 1504-2

INTENDED USES

IDROPLAST ANTIRADICE is used to coat and waterproof concrete structures, wood or in restoring old bitumen membranes.
IDROPLAST ANTIRADICE can be used wherever a vegetation system - including prefabricated systems - is to be laid on top of the waterproofing system.

INSTALLATION TIPS

IDROPLAST ANTIRADICE is a ready product and must be stirred to an even, fluid consistency before being applied, using a brush, roller or airless spray gun.
Before applying **IDROPLAST ANTIRADICE**, make sure you remove any parts that are loose, crumbling away or unsound, along with any paint, rust, dust or form oils; surfaces must be thoroughly cleaned, sound and dry.
You are advised against applying **IDROPLAST ANTIRADICE** if it is about to rain, or if there is a chance of dew, fog or frost as the product could get washed off or not adhere to the treated surface.
Avoid temperature extremes during the film's application and drying time.
You must be sure that there will be optimal installation conditions for at least 24 hours prior to and following application.
Being a water-based product, **IDROPLAST ANTIRADICE** is affected by freezing temperatures and must be applied with ambient temperatures in the +5 to +35 °C range.
IDROPLAST ANTIRADICE is applied in 2 coats: the second coat must be applied at least 24 hours after the first coat has been allowed to dry.
In the event you wish to improve the product's mechanical strength, or where it is not being applied straight on top of prefabricated bitumen membranes, we recommend applying POLIESTERE 60 reinforcement.
To apply the reinforcement correctly, embed POLIESTERE 60 in the first coat while the material is still wet, applying suitable pressure as you roll over it so that it is incorporated into the coating.
The average consumption rate varies depending on the substrate and desired thickness. Whatever the case, the average consumption rate for the 2 coats without reinforcement is 1-1,5 kg/m²; while with reinforcement, it is 1,5-2 kg/m².
The substrate should not be too hot as this accelerates the film-forming process, running the risk of the product not adhering properly and losing cohesion.
Do not apply to bitumen membranes that have just been installed as the natural small amount of migration of oils in the compound might mean the product fails to adhere perfectly.
We recommend waiting at least 6 months when dealing with torched-on bitumen membranes or other bituminous materials, and 3 months on cold-applied bituminous materials; in all cases, give the surfaces to be treated time to oxidize.

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TECHNICAL CHARACTERISTICS

STANDARD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	NOMINAL VALUES
-	APPEARANCE	-	Thixotropic paste
-	COLOUR	-	Black once dry
-	STABILITY IN ORIGINAL SEALED TINS	months	12
-	FLASH POINT (CLOSED CUP)	-	Non flammable
EN 3251	SOLIDS CONTENT AT 130 °C	%	60 - 68
EN 3219	BROOKFIELD VISCOSITY 20 °C (GIR. N.6 AND 10 RPM)	cP	50000 (±10000)
EN 2811-1	SPECIFIC GRAVITY AT 20 °C	kg/l	1,21 (±0,04)
EN 15813	COLD FLEXIBILITY	°C	-30
-	CONSUMPTION RATE	kg/m²	1 - 2,5
-	PH AT 20 °C	-	8,30 - 9
-	TOUCH DRY	hours	6
-	OVERCOAT INTERVAL	hours	24 / 48
EN 1062-6	CO_2 PERMEABILITY	m	$S_D > 50$
EN 7783	WATER VAPOUR TRANSMISSION RATE	m	Class I ($S_D < 5$)
EN 1062-3	LIQUID WATER PERMEABILITY	kg/m² $h^{0,5}$	$w < 0,1$
EN 1542	BOND STRENGTH BY PULL OFF	N/ mm²	≥1

Application data: at +23 °C - 50% U.R

PACKAGING

5 kg and 20 kg containers.

STORAGE

Shelf life of product in correctly sealed container, kept in a dry place, out of direct sunlight: 12 months; the date of manufacture is given on the container lid.
Store at temperatures no lower than 5 °C.
DO NOT EXPOSE TO FREEZING TEMPERATURES.

EQUIPMENT CLEANING

Clean equipment with common solvents after use.

SAFETY RULES

See safety data sheet.

LEGAL RULES

The values given are approximate average data relating to the current product range and may be edited or updated by Polyglass SpA at any time without any prior notice. As the Customer or User, it is your responsibility to check that the technical data sheet you have is valid for the batch of product in question and, whatever the case, that you have the latest version issued.
Always refer to the latest up-to-date version of the Technical Data Sheet and relevant Declaration of Performance, both of which you can find on our site www.polyglass.com.
As the End User, it is your responsibility to check that the product is fit for its intended purpose.

PRODUCT FOR PROFESSIONAL USE

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UNI EN ISO 9001
UNI EN ISO 14001
UNI EN ISO 45001
GREEN BUILDING COUNCIL ITALIA
ITALIAN PRODUCERS WATERPROOFING MEMBRANES

POLYGLASS SPA
Registered Office: V.le E. Jenner, 4 - 20159 Milano - Italy - **Administrative Headquarters and Production Facility:** Via Giorgio Squinzi, 2 - 31047 Ponte di Piave (TV) - Italy
Phone +39 04227547 - Fax +39 0422854118 - Email: info@polyglass.it - www.polyglass.com