

DANOPOL H 1.5

Danopol H 1.5 is a synthetic PVC plasticized membrane. Designed for flat roof waterproofing, U.V. resistant.



TECHNICAL DATA

Characteristics	Declared Value	Unit	Norm
External fire performance	Broof(T1)	-	EN 13501-5
Reaction to fire	E	-	EN 13501-1
Longitudinal & transversal tensile strength	> 1000	N/50mm	EN 12311-2 Método A
Longitudinal tear strength	> 200	%	EN 12311-2 Método A
Transversal tear strength	> 200	%	EN 12311-2 Método A
Longitudinal resistance to tearing (nail shank)	> 60	N	EN 12310-2
Transversal resistance to tearing (nail shank)	> 50	N	EN 12310-2
Overlaps resistance (Peeling of overlap)	> 40	N/50mm	EN 12316-2
Overlaps resistance (Shear of overlaps)	> 300	N/50mm	EN 12317-2
Resistance to impact	>1000	mm	EN 12691
Resistance to static loading	>50	Kg	EN 12730 Método B
Flexibility at low temperature	< -30	°C	EN 495-5
Resistance to root penetration	Pasa	Pasa/No Pasa	EN 13948
Humidity resistance factor	20.000 ± 30%	(m ² .s.Pa)/Kg	EN 1931
Watertightness	Pasa	Pasa/No Pasa	EN 1928 (B)

Pasa = Positive or correct No pasa = Negative PND = No performance determined - = Not necessary

STANDARDS & CERTIFICATION

The membrane DANOPOL H 1.5 meets Norm EN 13956.

SCOPE

Used for the termination and aucton forming in singular points of the deck (outgoing or ingoing angles, corners, draining cups, skylights, tube exits, masts, etc.) in flat roofing performed by membranes type DANOPOL HS and DANOPOL FV

PRESENTATION

PRESENTATION	VALUE	UNIT
Reinforcement type	Non reinforced	-
Thickness	1.5	mm
Width	1	m
Length	20	m
Roll surface	20	m ²
Color	Light grey	-
Product Code	210043	-

ADVANTAGES AND BENEFITS

ADVANTAGES

- Excellent flexibility.
- Very good resistance to: micro organisms, putrefaction, root penetration, natural ageing, weathering, U.V. radiation and against swollen.
- High tension resistance.
- High puncture resistance.

BENEFITS

- High ability to adapt to the different decks.
- Very high durability with respect to potential chemical impairments.
- Good structural movement absorption.
- Presents a good puncture protection against possible mechanical damage, raised from the occasional pedestrian transit on flat roofs.

INSTRUCTION FOR USE

Substrate preparation:

- - The base support surface must be durable, uniform, smooth, be clean, dry and free from foreign bodies.
- As a separating layer or protective polyester geotextiles are used, type Danofelt PY 300 or higher.

INDICATIONS AND IMPORTANT RECOMMENDATIONS

- Make sure the chemical compatibility of Danopol H 1.5 with other materials.
- Weldability and weld quality depends on atmospheric conditions (temperature, humidity), welding conditions (temperature, velocity, pressure, cleanliness) and by the state of the membrane surface (cleanliness, humidity). Therefore must meet the hot air machine for the correct assembling
- Should be made a strict control of the welds, once the surface has cooled by a punch.

- This product is part of a waterproofing system, so you should take into account all the documents referenced by Danosa Solutions Manual and all rules and mandatory law in this regard.
- Special attention should be paid to the implementation of the singular points.

HANDLING, STORAGE AND CONSERVATION

- Danopol H 1.5 is not toxic or flammable.
- Danopol H 1.5 is stored in a dry place protected from rain, sun, heat and low temperatures. Be kept in its original packaging, horizontal and parallel all the film (never crossed) on a support level and smooth.
- Danopol H 1.5 will be used first come to work.
- Danopol H 1.5 is easy to cut to adapt the size to work.
- No waterproofing works should be performed when weather conditions may be harmful, particularly when it is snowing or there is snow or ice on the deck when the cover is rain or wet surface moisture > 8% according QAT NTE or strong wind.
- No waterproofing works should be performed when the ambient temperature is less than - 5 ° C for hot air welding.
- In all cases, be taken into account Health and Safety standards at work and the rules of good construction practice.
- Danosa should consult the MSDS for this product is www.danosa.com permanently available, or can be obtained by writing to our Technical Department.
- For any further clarification, please contact our Technical Department.

WARNING

The information that appears in the following document makes reference to the uses and utilities of danosa's products and systems, and it is based on the knowledge that have been learnt until present, by Danosa. This is only possible if products have been stored and used in an appropriate way.

Nevertheless, Danosa is not responsible for unsuitable uses of the products neither any other facts, such as meteorological facts. So Danosa is just responsible for the quality related to the provided products. Danosa reserves the right to carry out modifications without previous notice.

The values that appear in the technical sheet are the results of the tests that have been performed in our laboratory. December 2013.

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