



BBA 14/5118 (1)



EPD S-P-00691



ETE 10/0054



FM Approved  
Assembly #553407

### DANOPOL HS 1.5

Single Ply PVC-p 1.5 mm  
membrane. Mechanically Fixed.



DANOPOL HS 1.5 is a synthetic PVC plasticized membrane, Reinforced with polyester net carrier. Designed for flat roof waterproofing, U.V. resistant.

#### Presentation

- Length (cm): 2000
- Length measurement standard: EN 1848-2
- Width (cm): 108
- Width measurement standard: EN 1848-2
- Colour: Light grey
- Thickness (mm): 1,5
- Product code: 210077

#### Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m <sup>2</sup> )	1.9	-
External fire behaviour	Broof (t1) - Broof (t3) - Broof (t4)	EN 13501-5
Longitudinal & transversal dimensional stability	< 0.3	EN 1107-2
Water vapour permeability (m)	47.000 ± 30%	EN 1931
Flexibility at low temperature (°C)	< -30	EN 495-5
Reaction to fire	E	EN 13501-1
Resistance to static loading (kg)	> 55	-
Resistance to static loading; method B (hard support) (kg)	> 55	EN 12730 Método B
Resistance to root penetration	Pasa	EN 13948
Longitudinal & transversal tensile strength (N/5cm)	> 1100 / 1000	EN 12311-2 Método A
Longitudinal resistance to tearing (nail shank) (N)	> 250	EN 12310-2
Transversal resistance to tearing (nail shank) (N)	> 250	EN 12310-2
Resistance to impact, A (mm)	> 700	EN 12691
Overlaps resistance (Shear of overlaps) (N/50mm)	> 950	EN 12317-2
Overlaps resistance (Peeling of overlap) (N/50mm)	> 250	EN 12316-2
Hazardous substances	PND	-
Resistance to root penetration	Pasa	EN 13948

## Additional Technical Data

Concept	Value	Standard
Visible defects	Pasa	EN 1850-2
Straightness (mm)	< 50	EN 1848-2
Resistance to static punching (N)	> 1200	UNE 104416 (b)

## Environmental Information

Concept	Value	Standard
Post-consumer recycled content (%)	NDP	-
Pre-Consumer recycled content (%)	NDP	-
Manufactured in	Fontanar - Guadalajara (España)	-

## Scope

- Channel waterproofing (EN 13362).
- Mechanically fastened roof waterproofing systems (EN 13956).
- Waterproofing of reservoirs and dams (EN 13361).
- Waterproofing against fluids in the construction of tunnels and underground structures (EN 13491).

## Advantages & Benefits

- Good absorption of structural movements.
- High tensile strength.
- High resistance to piercing.
- Hot air welded: Flame-free system
- Great elasticity.
- High resistance to tearing.
- Allows for adaptation to any type of geometry.
- UV resistant.
- System with Environmental Product Declaration (EPD), type 3 ecolabel.
- System fixed by metallic, plastic or induction fixation.

## Support

- Deck-type metal roof.
- Overlays\*
- Insulation panels.\*
- Concrete subrates.
- Wooden subrates.
- Mortar subrates.

## Handling, storage and preservation

- The product must be stored in a dry place protected from rain, sun, heat and low temperatures.
- This product is not toxic or flammable.
- It shall be kept in its original packaging, in a horizontal position and all rolls parallel (never crossed), on a flat and smooth support.

## Notice

- The information contained in this document and any other advice provided, are given in good faith, based on DANOSA's current knowledge and experience when products are properly stored, handled

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