

DANOPOL+HS 1.5 COVERSTRIP

Single Ply PVC-p 1.5 mm membrane.



PVC-P coverstrip, also known as a cover tape or roof flashing tape, is specifically engineered for DANOPOL single ply systems. The DANOPOL "+" range has an enhanced formula with improved weather and UV radiation resistance properties. This formula also integrates a biocide that keeps the membrane protected against a wide range of harmful microorganisms.

Presentation

- Length (cm): 2000
- Length measurement standard: EN 1848-2
- Width (cm): 20
- Width measurement standard: EN 1848-2
- Colour: Anthracite
- Thickness (mm): 1,5
- Surface (m²): 4
- Product code: 210245

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	2	-
External fire behaviour	Broof (t3)-Broof (t1)	EN 13501-5
Longitudinal & transversal dimensional stability	< 0.3	EN 1107-2
Water vapour permeability (m)	20.000 ± 30%	EN 1931
Flexibility at low temperature (°C)	< -30	EN 495-5
Reaction to fire	E	EN 13501-1

Concept	Value	Standard
Resistance to static loading (kg)	> 55	EN 12730 Método B
Resistance to root penetration	PND	EN 13948
Longitudinal & transversal tensile strength (N/5cm)	> 1100	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	PND	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)	-

Standards and Certification

- In accordance with the UNE-EN 13491 standard 'Geosynthetic barriers - Characteristics required for use in the construction of tunnels and associated underground structures'
- In accordance with the UNE-EN 104416 standard for synthetic materials. Roof waterproofing systems made with waterproofing membranes formed with flexible synthetic sheets. Instructions, control, use and maintenance.
- In accordance with the UNE-EN 13361 standard for geosynthetic barriers. Requirements for use in

the construction of reservoirs and dams.

- In accordance with the UNE-EN 13362 standard on Geosynthetic Barriers. Requirements for use in canal construction.
- In accordance with the UNE-EN 13956 standard for flexible sheets for waterproofing. Plastic and rubber sheets for waterproofing roofs.
- Conforms to UNE-EN 13967 of plastic and rubber anti-capillary sheets, including plastic and rubber sheets used for sealing buried structures.
- Complies with CE marking requirements.
- It has an Environmental Declaration of Product DAP No. S-P-00691.
- ETE 10/0054 "DANOPOL HS FM".

Scope

- In buildings for tertiary or industrial use.
- For covering overlaps and fastening bars, in order to ensure that the system is watertight on deck-type roofs with mechanical fastening systems and fleece-backed bonded systems, both in new construction and in renovation.

Advantages & Benefits

- It absorbs structural movements efficiently, resisting the stresses resulting from large spans and the high expansions of deck roofs.
- High tensile strength.
- High resistance to piercing.
- Great elasticity.
- High dimensional stability.
- High resistance to tearing.
- Limits deformations and stresses in the waterproofing membrane due to the high temperatures and thermal jumps to which flat roofs are subjected.
- Improves the performance of mechanically fastened sheets by providing a high wind suction resistance value and optimising the density of fastenings.
- Very high durability with respect to possible degradation due to chemical causes.
- Very good resistance to micro-organisms, rot, mechanical impact, natural ageing and swelling.
- Allows for adaptation to any type of geometry.
- Has good piercing protection from possible mechanical damage, derived from the occasional pedestrian traffic typical of flat roofs.

Instruction for Use

Preparation of the substrate:

- The surface of the base substrate must be resistant, uniform, smooth, clean, dry and free of foreign bodies.

Indications and Important Recommendations

- The fastening element must be suitable for the material of which the support is made. The tensile strength of the fastener to the load-bearing support shall be checked to ensure proper mechanical attachment. The fasteners must withstand a permissible tensile load greater than 600 N per anchorage point. As the membrane is the outermost element of the waterproofing system, its stability against dynamic wind pressure must be calculated according to the shape of the building,

its height above ground, its topographical situation, and the specific roof area.

- In renovation projects on old waterproofing, it may be necessary to remove existing materials or to use suitable separating layers.
- A range of ancillary products is available for use with the membrane (Elastydan PU 40 Grey sealant, GLUE-DAN PVC adhesive, laminated profiles, corners, corners, corners, cups, pipe penetrations, etc.).
- The weldability and quality of the weld depend on atmospheric conditions (temperature, dampness), welding conditions (temperature, speed, pressure, pre-cleaning) and on the surface condition of the membrane (cleanliness, dampness). Therefore, the hot air machine must be adjusted to obtain a correct assembly.
- To avoid chemical incompatibilities, a DANOFELT PY 300 or higher geotextile separating layer shall be placed between the membrane and the geotextile: Bituminous products, synthetic TPO/FPO and EPDM, extruded (XPS) or expanded (EPS) polystyrene-based products, rigid or foamed PU, etc.
- After the surface has cooled down, the welds shall be carefully checked by means of a punch. If any irregularity is detected in a hot air weld, it shall be reworked with the same procedure as described above.
- Appropriate safety measures must be taken as welding work can give off fumes which can be irritating.

Handling, storage and preservation

- The product must be stored in a dry place protected from rain, sun, heat and low temperatures.
- The product will be used on a first-come, first-served basis.
- This product is not toxic or flammable.
- Easy to cut to adapt the dimensions to the work.
- Waterproofing work must not be carried out when weather conditions may be detrimental, in particular when it is snowing or there is snow or ice on the roof, when it is raining or the roof is wet, surface dampness >8% according to NTE QAT, or when a strong wind is blowing.
- No welding work should be carried out when the ambient temperature is lower than -5°C for hot air welding, nor lower than + 5°C for welding with THF or with Adhesives.
- It shall be kept in its original packaging, in a horizontal position and all rolls parallel (never crossed), on a flat and smooth support.
- Danosa recommends consulting the safety data sheet for this product, which is permanently available at danosa.com, Knowledge Portal, or it can be requested from our Technical Department.
- In all cases, the Occupational Safety and Hygiene standards, as well as the standards of good construction practice, must be taken into account.
- For further information, please contact our Technical Department.

Notice

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