

GLASDAN 30 P POL

APP plastomeric 3 kg/m² underlay.
Torch applied.



GLASDAN 30 P POL is a waterproofing bituminous sheet with non self-protected surface of 3.0 kg/m². Composed of a fibreglass reinforcement and covered on both sides with polymer modified bitumen mastic. A polyethylene film is used as anti-adherent material on both sides. Tested according to standard EN test methods.

Presentation

- Length (cm): 1200
- Width (cm): 100
- Thickness (mm): 2.5
- Surface (m²): 12
- Product code: 141622

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	3	-
External fire behaviour	Broof(t1)	UNE-EN 1187; UNE-EN 13501-5
Durability flexibility	-5 ± 5	-
Creep durability (°C)	120 ±10	UN-EN 1110
Elongation at break longitudinal (%)	NPD	UNE-EN 12311-1
Elongation at transverse break (%)	NPD	UNE-EN 12311-1
Water vapour resistance factor (μ)	>100.000	UNE-EN 1931

Concept	Value	Standard
Low temperature flexibility (°C)	<-15	UNE-EN 1109
Reaction to fire	E	UNE-EN 11925-2; UNE-EN 13501-1
Resistance to static loading (kg)	NPD	UNE-EN 12730
Resistance to root penetration	No pasa	EN 13948
Longitudinal tensile strength (N / 5cm)	350 ± 100	UNE-EN 12311-1
Transverse tensile strength (N / 5cm)	250 ± 100	UNE-EN 12311-1
Longitudinal resistance to tearing (nail shank) (N)	PND	UNE-EN 12310-1
Transversal resistance to tearing (nail shank) (N)	PND	UNE-EN 12310-1
Resistance to impact, A (mm)	NPD	UNE-EN 12691
Joint Strength: Welding Shear	NPD	UNE-EN 12317-1
Hazardous substances	PND	-
Resistance to root penetration	No pasa	EN 13948

Additional Technical Data

Concept	Value	Standard
Density (kg/m³)	1200	-
Adhesion of granules (%)	NPD	UNE-EN 12039
Dimensional stability at elevated temperatures (longitudinal) (%)	NPD	UNE-EN 1107-1
Dimensional stability at high temperatures (transversal) (%)	NPD	UNE-EN 1107-1
Creep resistance at high temperatures (°C)	>130	UN-EN 1110
Durabilidad UV; calor y agua: Flexibilidad a baja temperatura (°C)	NPD	-
Durabilidad UV; calor y agua: Fluencia a alta temperatura (°C)	NPD	-

Environmental Information

Concept	Value	Standard
Volatile organic compounds (COV's) (µg/m³)	50 (A+)	ISO 16000-6:2006

Concept	Value	Standard
Post-consumer recycled content (%)	35	-
Manufactured in	Fontanar - Guadalajara (España)	-

Standards and Certification

- In accordance with the UNE-EN 13707 standard 'Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics'.
- In accordance with the UNE-EN 13969 standard for 'Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definitions and characteristics'.
- In accordance with the UNE-EN 13970 standard for flexible sheets for waterproofing. Bitumen sheets for water vapour control. Definitions and characteristics.
- Complies with CE marking requirements.
- DIT 550R/16 "ESTERDAN PENDIENTE ZERO".
- Application Document DA18/2009.

Scope

- Anti-capillary barrier in walls.
- Two-layer membrane underlay for waterproofing of roofs with heavy bonded and unbonded protection.
- Two-layer membrane underlay for the waterproofing of self-protected bonded roofs.
- Bottom reinforcement in improved single-ply waterproofing membranes for waterproofing of roofs with heavy bonded, non-bonded or floating protection.

Advantages & Benefits

- Little thermal variation.
- High dimensional stability.
- Total impermeability to water and water vapour.
- Limits stresses in the waterproofing membrane.
- Allows for adaptation to any type of geometry.
- Allows for working with molten asphalt.

Support

- Roofs with heavy bonded, unbonded or floating protection.
- Compatible thermal insulation products.
- Concrete substrates.
- Mortar substrates.

Instruction for Use

Substrate Preparation: The base surface must be clean, dry and free of debris to provide maximum adhesion. A bituminous primer may be needed depending upon the condition of the substrate. We recommend Curidan, Impridan 100, Maxdan or Maxdan Caucho. In case of non-porous substrates we recommend that a test application is made to ensure correct adhesion. In case of thermal insulations

boards a primer is not necessary.

Product application: For ease of installation, it is recommended to cut rolls into smaller and more manageable size. Remove the release liner and install whilst applying pressure onto the surface. Start from the center and spread to the outside edges. The use of a roller is recommended to improve adhesion.

Indications and Important Recommendations

- In case of new construction and renovation, possible chemical incompatibilities with other sheets shall be taken into account.
- In case of refurbishment, chemical incompatibilities with old waterproofing systems consisting of PVC membranes, modified tar-based mastics or any other, shall be taken into account, and it may be necessary to remove them completely or to use suitable separating layers.
- If it is necessary to adhere to metallic or slightly porous elements, a bituminous primer (IMPRIDAN 100) shall be applied to the entire surface to be welded beforehand.
- This product may form part of a waterproofing system, so all the documents referred to in the Danosa Solutions Manual must be taken into account, as well as all the regulations and legislation that must be complied with in this respect.
- Sheets made of plastomeric bitumen require more blowtorch input than sheets made of SBS elastomeric bitumen in order to work properly. It is important to take this aspect into consideration when welding the sheets to the substrate, when welding the overlaps of the sheets and when welding the sheets to each other.
- There is no chemical incompatibility between the Danosa range of SBS elastomeric bitumen and APP plastomeric bitumen membranes.
- Not suitable as cap sheet on green roofs; use GARDEN variant.
- Do not use in single-layer system.
- Possible incompatibility between thermal insulation and waterproofing shall be checked.
- A separating layer (DANOFELT or DANODREN) shall be laid before laying the heavy protection (paving, gravel, topsoil, etc).
- Polyurethane foam shall not be sprayed directly on top of the waterproofing without the use of a suitable separating layer (geotextiles, mortar layers, polyethylene film, etc).
- If expansion that could affect the sheet is expected, a geotextile separating layer (Danofelt PY 200) shall be used between the sheet and the extruded polystyrene insulation panels, so that each product expands independently.
- NOTE: For more information on the Danosa systems in which this product is used, please see the document "Waterproofing Solutions".

Maintenance Recommendations

- Please refer to DANOSA UK Technical Statement 'Flat Roof Waterproofing – Cleaning and Maintenance Recommendations'

Warning

- Do not apply on wet or frozen surfaces.

Handling, storage and preservation

- Before moving the pallet, check the condition of the shrink-wrap and reinforce if necessary.
- The product must be stored in a dry place protected from rain, sun, heat and low temperatures.
- The product must be stored in an upright position.
- Handle with a crane with a protective net.

- Pallets shall not be stacked on top of each other.

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 and applied, in normal situations and in accordance with the recommendations of DANOSA. The information applies only to the application (s) and the product (s) to which reference is expressly made. In case of changes in the parameters of the application, or in case of a different application, consult the DANOSA Technical Service before using the DANOSA products. The information contained herein does not exonerate the responsibility of the building agents to test the products for the application and intended use, as well as their correct application in accordance with current legal regulations. The product images used in our communications are indicative and may differ slightly in color and aesthetic appearance in relation to the final product. Orders are accepted in accordance with the terms of our current General Sales Conditions. DANOSA reserves the right to modify, without prior notice, the data reflected in this documentation. Website: **www.danosa.com** E-mail: **info@danosa.com** Telephone: **+34 949 88 82 10**