Waterproofing

ESTERDAN EQUERRE 25 AP ELAST

Flashing membrane. Sanded.

ESTERDAN EQUERRE 25 AP ELAST. is a waterproofing bituminous sheet with non self-protected surface of 4.0 kg/m², BE-35-PY-160.r Composed of a non-woven polyester felt reinforcement of 160 g/m2 and covered on both sides with SBS modified bitumen mastic. Membrane with an upper surface finish of sand and a lower surface finish of polyethylene film.

Presentation

- Length (cm): 1000
- Width (cm): 25
- Surface (m²): 2.5
- Product code: 202018

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m²)	4	-
Hazardous substances	PND	-

Environmental Information

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’.
- Complies with CE marking requirements.

Instruction for Use

- Deck surfaces must be dry, clean and free from sharp projections such as nail heads and concrete nibs.
- When bonding the substrate should be prepared using a primer either Impridan 100, Curidan, Maxdan or Maxdan Caucho at the recommended rate prior to installation of the waterproofing system.
- The membrane may be laid in conditions normal to roofing work and must not be laid in rain, snow or heavy fog, nor if the temperature falls below 5ºC, unless precautions against condensation have been taken.
- The roofing layers must always be installed with staggered overlaps and in such a manner that no counter-seams in the direction of the outlets are made.
- Attachment of reinforced bituminous membrane roofing is achieved by full bonding, by partial bonding, by mechanical fastening with screws and stress plates, or by nailing; the choice should depend upon the type of substrate, and the required resistance to wind uplift pressure.

Indications and Important Recommendations

- The design of the roof should be considered in relation to its compatibility with the building as a whole, and account taken of the significance of materials which may be included for other reasons.
- The roof covering, including joints, parapets, abutments, gutters and outlets, should remain weathertight under the external action of rain, snow, ice, dead and imposed loads, wind loads, solar and night radiation, and the internal environment of the building.
- Falls should be provided to enable the roof to drain towards outlets, gulleys or gutters of sufficient capacity. Gutters and roof drainage should be designed appropriately.
- As failures in flat roofs are often caused by the harmful effects of moisture which is trapped during construction, it is essential that great care be taken to minimize such risks. Trapped water may be the result of the use of wet materials, water from in-situ concrete and wet screeds, or rain on unprotected construction.
- Be careful about damage from the limited foot traffic associated with installation and maintenance operations. Reasonable care should be taken to avoid sharp objects or concentrated loads. Where regular traffic is envisaged, ie maintenance of lift equipment, a walkway should be provided.
- On completion of the roof, the non-mineral finished membranes should have a surface finish applied.
- In the event of damage the membrane must be repaired as soon as possible with a patch of the membrane torch-bonded over the damaged area.
- On cap sheets it is possible that some localized loss of the mineral surfacing may occur, after some years, in areas where complex detailing of the roof design is incorporated.
- The membranes should be subjected to regular annual inspections and roof drains kept clear as is good practice with all roofing membranes.
- Differential movement between the waterproofing membrane and the substrate, or any overlaid insulation in inverted roofs, or other material should be taken into account in design. If necessary, movement joints should be made in the waterproofing membrane.

Maintenance Recommendations

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

Handling, storage and preservation

- Before moving the pallet, check the condition of the shrink-wrap and reinforce if necessary.
- In order to guarantee adequate product quality, it must be stored in level, dry, clean places free of sharp and pointed objects. In any case, special protection from direct sunlight should be ensured by means of a roof or tarpaulin.
- 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.
- This product is not toxic or flammable.
- 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.
- Pallets shall not be stacked on top of each other.
- For high storage, the racks must have three cross members, or braces under the wooden pallet skids.
- For handling with a crane, use a protective net as indicated on the pallet label.
- Membranes will be used on a FIFO basis (First In First Out).
- Membranes should be taken to the roof as required for use.
- In all cases, the Occupational Safety and Hygiene standards, as well as the standards of good construction practice, must be taken into account.

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**