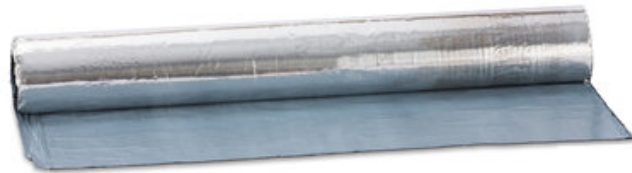


Tecron Self Adhesive VCL

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Presentation

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- † ... m
- # ... V
- Th ... 1.2mm

Technical Data

Concept	Value	Standard
External fire behaviour	Froof	UNE-EN 1187
Density (kg/m ³)	1000	-
Durability flexibility	NPD	-
Creep durability (°C)	NPD	UN-EN 1110
Elongation at break longitudinal (%)	NPD	UNE-EN 12311-1
Elongation at transverse break (%)	PND	UNE-EN 12311-1
Humidity resistance factor	20000	EN 1931

Concept	Value	Standard
Low temperature flexibility (°C)	< -15	UNE-EN 1109
Mass per unit area (nominal) (kg/m ²)	1.2	-
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 13984
Longitudinal tensile strength (N / 5cm)	200 ± 100	-
Transverse tensile strength (N / 5cm)	200 ± 100	-
Longitudinal resistance to tearing (nail shank) (N)	NPD	-
Transversal resistance to tearing (nail shank) (N)	NPD	-

Additional Technical Data

Concept	Value	Standard
Density (kg/m ³)	1000	-
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	-
Creep resistance at high temperatures (°C)	>70	UN-EN 1110

Environmental Information

Concept	Value	Standard
Radon diffusion coefficient (m ² / s)	< 1.0, Exp -13	ISO/DTS 11665-13
Volatile organic compounds (COV's) (µg/m ³)	50 (A+)	ISO 16000-6:2006
Recycled content afterword the consumer (%)	35	-
		-

Standards and Certification

- In accordance with the UNE-EN 13707 standard for flexible sheets for waterproofing. Reinforced

bituminous sheets for roof waterproofing. Definitions and characteristics.

- In accordance with the UNE-EN 13969 standard for flexible sheets for waterproofing. Bituminous anti-capillary sheets including bituminous sheet for sealing buried structures. Definitions and characteristics.
- It complies with the requirements of the Technical Building Code (CTE).

Scope

- Anti-capillary barrier in walls.
- Radon gas barrier.
- Air and Vapour Control Barrier (AVCL) in roofs and cold stores.
- In meetings of sloping skirts with vertical walls.
- In general, in all types of sealed.
- In window and door frame finishes.
- Timely renovation of sloping roofs made of aluminium, steel sheet, mortar, concrete, fibre cement, tiles, etc.

Advantages & Benefits

- Modified with SBS polymers, it achieves much higher performance in behavior at high and low temperatures, elasticity and resistance to aging, which leads to improved durability of the membrane .
- Self-adhesive, does not require the use of a gas torch.
- Excellent bonding.
- Easy to install.
- High resistance to weathering.
- Total impermeability to water, water vapour and Radon gas.
- Allows for adaptation to any type of geometry.
- UV resistant.
- Adapts to the substrate geometry with ease.

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.
- A bituminous primer must be applied beforehand.
The rolls are preferably laid parallel to the line of maximum slope.
- The adhesion of the film to the substrate is achieved by removing the film from the underside and at the same time pressing with a blunt scraper or with gloves, from the inside outwards to avoid the formation of pockets. The overlaps must be made in the same way from roll to roll, and shall be 6 cm in the longitudinal direction and 8 cm in the transversal direction.
For easier installation, it may sometimes be necessary to cut the rolls into smaller, more manageable dimensions.

Indications and Important Recommendations

- It should be kept in the sun for as short a time as possible to protect it from UV rays.
- In case of new construction and renovation, possible chemical incompatibilities with APP plastomer-

modified bitumen sheets shall be taken into account.

- In case of renovation, chemical incompatibilities with old waterproofing consisting of flexible PVC sheets, 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 (geotextiles, mortar layer, polyethylene film, etc).
- If it is necessary to adhere to metallic or slightly porous elements, a bituminous primer (IMPRIDAN 100) must be applied to the entire surface to be bonded beforehand.
- On flat roofs, it cannot be used as a waterproofing system.
- On roofs, do not use on thermal insulation.
- In cold weather, it is advisable to slightly heat the support with the blowtorch.
- 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.
- Exposure to the sun can make it difficult to remove the release film. The temperature of the sheet during installation must not exceed 50°C.
- NOTE: For more information on the Danosa systems in which this product is used, please see the document "Waterproofing Solutions".
- It must not be installed when the ambient, product or substrate temperature is below +10°C.
- There is no chemical incompatibility between the Danosa range of oxyasphalt, SBS elastomeric bitumen and plastomeric bitumen sheets.
- Do not use as a top sheet on green roofs.
- Do not use on roofs that are subsequently to be covered with heavy protection, be it paving, gravel or topsoil (in case of green roofs), or any other type of protection.
- Do not use for waterproofing buried walls.
- For ease of installation, it is recommended to cut the rolls into smaller, more manageable dimensions.
- It shall be stored in a dry place protected from rain, sun, heat and low temperatures.
- Possible incompatibility between thermal insulation and waterproofing shall be checked.
- 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).
- The use of a roller is recommended to apply more pressure on the tape and improve adhesion.
- It is recommended to protect after installation.
- On porous or not very homogeneous substrates, a bituminous primer (Curidan, Impridan 100, Maxdan or Maxdan Rubber) must be applied before application.

Maintenance Recommendations

- The following maintenance checks must be adhered to: - A general examination on the condition of the waterproofing and surrounding roof components. - An inspection of all functional roofing elements including skylights, outlets, upstands, penetrations and any other visible roofing components. - Clean outlets, drains, gutters and remove any debris from the roof. - Periodic removal of mildew, moss, herbs or any other kind of vegetation that has been accumulation on the waterproofing. - Periodic removal of possible sediments accumulated on the deck (silt, sledges, slate granules, etc) by occasional water accumulation. - Periodic removal of debris and small objects that may have accumulated on the roof. - Ensure surrounding structural elements are sound such as eaves, flashings, slate tiles and brickwork. - Ensure that the waterproofing is in good condition and there are no blisters, damage or separation. - Review the condition of the waterproofing (adherence to upstands, condition of overlaps, visual appearance, etc) and repair the defects observed. These operations must be carried out twice a year, preferably at the beginning of spring or autumn and must be increased in case of decks or valleys with zero falls. It is also necessary to perform additional maintenance depending on the type of roof, location and proximity of roofs to areas with trees or in areas with high levels of pollution. Speak to our Technical Team for further information.

Handling, storage and preservation

- Before moving the pallet, the condition of the shrink-wrap is checked in order to reinforce it if necessary.
- The product should be kept in the sun for the shortest time possible to protect it from UV rays. It is recommended to protect SELF-DAN AL 100 after installation.
- The product must be stored in a dry place protected from rain, sun, heat and low temperatures.
- The product will be stored horizontally.
- The product will be used on a first-come, first-served basis.
- In cold weather, it is advisable to slightly heat the support with the blowtorch.
- This product should not be installed when the ambient, product or support temperature is below +10°C.
- This product is not toxic or flammable.
- Exposure to the sun can make it difficult to remove the release film. The temperature of the sheet during installation must not exceed 50°C.
- For further information, please contact our Technical Department.
- 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.
- Danosa recommends consulting the safety data sheet for this product, which is permanently available at www.danosa.com, or it can be requested in writing 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.

Notice

- The information contained in this document and any other advice provided, are given in good faith, based on current knowledge and experience when products are properly stored, handled and applied, in normal situations and in accordance with the recommendations. 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 Technical Service before using the 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. The right to modify, without prior notice, the data reflected in this documentation. Website: **www.tecron.ie** E-mail: **sales@tecron.ie** Telephone: **+353-91-353545**