

MAXDAN CAUCHO

Elastomeric bituminous emulsion with great stability.



It is a stable bituminous emulsion in dark brown colour and doughy consistency. Composed of tiny bituminous particles in a water solution with an emulsifying agent. The latter contains certain SBS products that confer the MAXDAN CAUCHO dry film a perfect adherence, flexibility and elasticity. It complies with the specifications required by UNE 104-231/88. It is used for protection of walls, separating walls and foundations, deposits, etc., as well as vapour barrier. Can also be used for repairing old waterproofing systems.

Presentation

- Colour: Dark brown
- Yield (kg/m²): 1
- Product code: 311051

Technical Data

Concept	Value	Standard
Contained in water (%)	50	-
Min application temperature (°C)	+5	-
Drying time at 20-25 °C and 50% relative humidity (hours)	24	-
Toxicity	NULA	-
Viscosity at 20 °C (Brookfield RVT, spindle 1, 20 r.p.m) (poises)	10 - 30	-

Additional Technical Data

Concept	Value	Standard
Density at 20 °C (g / cm ³)	1.0-1.2	-
Inflammability	NULA	-

Standards and Certification

- In accordance with UNE 104231:1999 Waterproofing. Bituminous And Bituminous Modified Materials. Asphalt Emulsions.

Scope

- Adhesive of thermal insulation panels (cork or similar).
- Vapour barrier (approximate total yield (2 kg/m²).
- In the case of sloping roofs with CURIDAN ASPHALTIC PLATE, the first row of plate is not only nailed to the substrate, but also bonded to it with MAXDAN RUBBER.
- In the case of renovating old, self-protected bituminous waterproofing with slate or mineral granules, it can be used as a primer before applying the new bituminous waterproofing system. In bonded systems, the bituminous sheet is welded in its entirety, so the entire surface must be primed. In non-bonded or floating systems, the bituminous sheet is only welded at the singular points (parapets, drains, expansion joints, etc.), and these elements must be primed.
- Primer and preparation of surfaces where a bituminous sheet is to be welded, on both porous and non-porous surfaces.
- Priming and preparation of porous surfaces that will later be waterproofed or treated with asphalt products.
- Protection from dampness in walls and partition walls.
- Dampness protection of the outer underside of abutments and wings of viaducts and overpasses of roads, railways, avenues, etc.
- Dampness protection of the external surface of concrete retaining walls and buried foundations, acting on the side in contact with the ground.
- Dampness protection of the outer surface of subways and service tunnels in civil engineering works.

Advantages & Benefits

- Good adhesion on porous materials.
- Good durability.
- Good chemical resistance to saline water and weak acids and even weak bases.
- Doughy consistency.
- Asphalt mortars are less rigid and more plastic than conventional mortars.
- A paste-like product with a uniform appearance and cold application that hardens by evaporation of the water it contains. Once applied and dried, it forms a continuous film.
- Little thermal variation.
- Easy application.
- Great bonding.
- Insoluble once the film dries.
- Asphalt mortars have the advantage over conventional mortars in that they put less stress on bituminous waterproofing.
- It does not crack in the cold, nor does it flow in the heat.
- Chemical resistance.

- Waterproof.
- It can be applied with a brush, paintbrush or roller.
- It can be applied in closed rooms.
- It can be applied on wood, concrete blocks, masonry, mortar, bricks, lightened concrete, etc.
- Totally stable and long lasting.
- Solvent free.

Support

- Plasticised and self-protected asphalt sheets.
- Compatible thermal insulation products.
- Concrete substrates.
- Wooden substrates.

Instruction for Use

The substrate surface must be solid, uniform, smooth, cleaned, dry and free from foreign bodies. Lay out the PVC membrane. Pierce the membrane proportionally to the diameter of the drain. Test the hole drains. In the test hole at the same time mark the point to be cut with respect to wall thickness, cutting the pipe (pin) is made so that the bottom is longer by 5 mm to the upper hot-air welding crown membrane drain. Before joining the elbow, have a special adhesive bead plasticized PVC. After having coupled the elbow, ensure the drain tube is inserted into the four tabs on the inside thereof.

Indications and Important Recommendations

- Before using the product, stir well until it is perfectly equal.
- 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.
- 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.
- Work must not be carried out when weather conditions may be harmful, in particular when it is snowing or there is snow or ice on the roof, when it is raining or the roof is wet, or when there is a strong wind blowing.
- Do not install at temperatures below +5°C.
- Do not apply in rainy weather, as this could cause the emulsion to wash out, resulting in a product with poor internal cohesion.
- Never use as a roof waterproofing system.
- 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).
- All material used shall be cleaned with water after handling. When this product is dry, it can only be removed with solvent.
- This product expires after six months
- NOTE: For more information on the Danosa systems in which this product is used, please see the document "Waterproofing Solutions".

Warning

- Do not apply on icy or very hot surfaces.

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.
- In case of silting, the material shall be stirred back to the initial state.
- This product is not toxic or flammable.
- Temperatures below 0°C may affect the quality of the product. With est.
- 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

- 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**