Ancillaries

ADHESIVE THERMOBOND

Fast-curing adhesive for bonding insulation boards

THERMOBOND is a poured fast-curing adhesive for bonding roof insulation boards and acoustic membranes on horizontal applications.

Presentation

- Volume (L): 6.5
- Colour: Brown
- Yield (L/m²): 5
- Rendimiento (m²): 30
- Product code: 320107

Technical Data

Concept	Value	Standard
Rango de temperaturas ºC	-30	-
Tiempo de curado a 20 ºC (min)	30	-
Viscosity (cps)	4000	-

Addtitional Technical Data

Concept	Value	Standard
Solids content (%)	100	-

Standards and Certification

- Exceeds standards for wind suction resistance. The adhesive has been rigorously and independently

tested under EN 1991-1-4, where it achieved a strength of -5500Pa. Typical wind pressure is between -1000Pa and -2000Pa.

Scope

- Galvanised steel
- Aluminium
- Recommended for use on roofs with a slope of less than 45 degrees.
- Bituminous vapour barriers
- Concrete and masonry blocks
- Existing waterproofing, either asphalt (SBS and APP) or synthetic waterproofing (PVC)
- Natural wood and plywood
- Adhesive system developed for insulation panels on flat roofs, both in new construction and renovation.

Advantages & Benefits

- Compatible with DANOPREN® XPS, PIR, PUR, EPS and rockwool insulation boards.
- Optimises commissioning times (5x).
- Wooden supports, galvanised steel, bituminous vapour barriers or existing waterproofing (bituminous SBS/APP or synthetic PVC)

Instruction for Use

- Ensure surfaces to be bonded are dry and clean from grease, dirt, debris or any other contaminants.
- Apply THERMOBOND directly to the substrate in beads of 20-30mm wide at 200-300mm centres.
- Immediately place the insulation board directly to the THERMOBOND.
- Apply pressure to the insulation board to ensure full contact with the THERMOBOND.
- Allow to cure.

NB. Danosa uk recommends that where applicable, a small bond-test area is conducted on uncommon, concrete or cement-based structural substrates to ensure suitability of the product for intended.**Wind uplift performance:**
This product exceeds requirements for resistance to wind uplift, as given in BS EN 1991-1-4. Roofing systems constructed with our adhesives were tested at BRE premises and achieved a wind uplift resistance of between -5000 Pa and -5500 Pa. From BS EN 1991-1-4, typical wind uplift pressure for flat roofing is -1000 Pa for London and -2000 Pa for inverness. This means roof systems constructed with our adhesives achieved safety factors of 5.00 and 5.50 for London and 2.50 and 2.75 for inverness.

Indications and Important Recommendations

- Keep your adhesive canister
- Disconnect the gun by turning the black valve until it is completely closed.
- The adhesive foams sufficiently to compensate for any unevenness in the substrate, while ensuring that the insulation board remains flat.
- The cylinder and gun may be used for one month after opening. If you do not wish to use the system during this time, the hose and the gun must be vented and approx. 250 ml of adhesive must be expelled every month.
- Clean the end of the gun with a solvent, using a nylon brush so that the opening is not clogged.
- Yields: Product yields depend on the viscosity of the product during application and other variables. Porous/discontinuous substrates, may require priming prior to adhesive application. Yields may be

reduced on uneven surfaces.
- Temperature and times: all information represents normal working conditions. Please contact our Technical team if you wish to operate outside these parameters.
- Aeration and setting time: All data sheet information is an application guide. These times depend on a number of variables, such as temperature, substrate conditions, application method and weight of the product applied. Adhesion tests are recommended at the beginning of any project.
- After completion of the work, make sure that the container valve remains open (fig. 4). Failure to do so may cause the hose to block.
- Once the insulating panel has been placed on the foam, the foaming effect stops, avoiding repositioning and minimising construction time.
- Once the container is empty, the hose can be reused on a new canister.
- Using this system in contact with absorbent materials may increase product consumption per square metre. In case rockwool is used as insulation material, consumption is estimated to increase by 30% compared to rigid insulation boards (XPS/PIR/EPS).

Handling, storage and preservation

- Store in the sealed original container in a secure manner at room temperature.
- It is convenient to keep the product in places protected from frost and at temperatures between 5ºC and 25ºC.
- The cylinders can be recycled as metal waste, once depressurised and emptied, according to the European Recycling Directive.
- Keep away from sources of ignition, with a fire extinguisher at hand.
- Do not leave the container open when you stop using it.
- Can be stored unopened for a period of 12 months.
- Observe the usual precautions in the use of chemicals.
- Danosa recommends consulting the safety data sheet for this product, which is permanently available at danosa.com, Knowlegde 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.

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**