

# eurocol 882

the strong connection



## EUROBOND HIGHTACK

A very strong, elastic and widely applicable construction and/or assembly adhesive with an extremely high initial adhesion for heavy-duty and directly fixed bonding of almost all surfaces and building materials, without the use of adhesive clamps, fixing tape and/or stamps. This sealant is based on hybrid technology that hardens due to humidity and forms a durable, elastic rubber. Suitable for indoor and outdoor use and industrial spaces. Due to EMICODE EC 1PLUS (very low emissions), it is also suitable for BREEAM projects.

### PRODUCT TYPING

Base Hybrid

Color White.

- EMICODE EC 1PLUS (very low emissions)
- Very high initial adhesive force approx. 400 kg/m<sup>2</sup>
- Durably and permanently elastic, max. movement capacity 20%
- Suitable for indoor and outdoor use
- High final strength
- Good resistance to UV, moisture, weather, water and ageing
- Not corrosive to metals
- Odourless, tack-free, shrink-free and blister-free-curing hybrid system
- Very wide range of use
- Free from isocyanates, solvents and silicone
- Can be painted over

### PROPERTIES

|                               |                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification                | International: ISO 11600 F+G-25 LM and in Germany: DIN 18545-E Joints. GEV-EMICODE EC 1PLUS (very low emissions) tested according to EN 13999-2/4. Suitable for BREEAM projects. |
| Consumption                   |                                                                                                                                                                                  |
| Elongation at break           | According to DIN 53 504: approx. 250%.                                                                                                                                           |
| Elongation value 100%         | According to DIN 53 504: approx. 1.65 MPa (N/mm <sup>2</sup> ).                                                                                                                  |
| Sensitive to frost            | Yes.                                                                                                                                                                             |
| Practical movement capability | ± 25%.                                                                                                                                                                           |
| Shore A-hardness              | According to DIN 53 505: 65.                                                                                                                                                     |
| Shrink                        | No.                                                                                                                                                                              |
| Skin forming time             | Approx. 10 min at 23 °C and 55% relative humidity.                                                                                                                               |
| Specific weight               | 1.58kg/l.                                                                                                                                                                        |
| Temperature resistance        | After complete curing, approx. -40 °C and +100 °C                                                                                                                                |
| Tensile                       | : According to DIN 53 504: approx. 2.90 MPa (N/mm <sup>2</sup> ).                                                                                                                |
| Strength                      | : ISO 7390 mm < 2.                                                                                                                                                               |
| Mechanical values             | : 2 mm film.                                                                                                                                                                     |
| Shear strength                | : According to ISO 4587 approx. 2.70 MPa (N/mm <sup>2</sup> ).                                                                                                                   |

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## APPLICATION

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For heavy-duty and directly fixed bonding to almost all surfaces and building materials, without the use of adhesive clamps, fixing tape and/or stamps. Suitable for bonding/assembly of: Ceramic tiles, mirrors, natural and hard stone, marble, granite, concrete and other critical and/or porous materials. Also suitable as an assembly and/or construction adhesive for PVC, MDF, wood, metal, panels, skirting boards, profiles, frames, slats, beams, stones, tiles, insulation and sheet materials, etc. Suitable for indoor and outdoor use and industrial spaces.

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## PROCESSING

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|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage                 | In a cool and dry place in original closed packaging at a temperature between +5° and +25 °C.                                                  |
| Tools                   | Professional sealant gun.                                                                                                                      |
| Curing                  | Minimum 24 hours depending on relative humidity and temperature. High temperatures shorten the drying time, while lower temperatures delay it. |
| Skinning Time           | Approx. 10 min at 23 °C and 55% relative humidity.                                                                                             |
| Drying                  | Hardening after 24 hours at 23 °C and 55% relative humidity and a layer thickness of 3 mm.                                                     |
| Shelf Life              | Maximum 15 months (after production date) in original closed packaging.                                                                        |
| Application temperature | From +5 °C to +40 °C.                                                                                                                          |

*\* The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

### Substrate:

- The surface must have sufficient compressive and tensile strength. The surface must also be dry, free of grease, dirt and dust according to DIN 18 352. An adhesion test before use is recommended.
- In general, adheres excellently to mirrors, natural and hard stone, marble, granite, concrete, stone and other critical/porous materials, MDF, wood, ceramic tiles, metal, etc. For porous surfaces, apply a dispersion primer such as 049 Europrimer ABS or 099 Dispersion Primer if necessary.
- Considering the diversity of materials in the market, if you have any doubts about the application, it is recommended to set up a test area in advance or contact our Technical Advice department.
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene or bituminous surfaces. Also not suitable for continuous water loading and joint sealing.
- In case of doubt about the applications to be used, set up a test area in advance or contact our Technical Advice department.

### Instruction manual:

- Cut the tube above the thread with the special sealant tube opener or a suitable Stanley knife.
- Due to the material's low viscosity, we recommend spraying it using a professional sealant gun combined with the standard V-seam nozzle.
- Apply 882 Eurobond HighTack in even grooves. Do not apply in dots. For larger surfaces, apply vertically (ventilating) in uniform grooves with spacing between of at least 10 cm and maximum 20 cm. The ideal adhesive thickness is 2-3 mm.
- Does not stain porous and absorbent materials. Also does not cause edge zone contamination on materials such as natural stone and concrete.
- After complete curing, it is possible to sand the sealant.
- After skin formation, this sealant can also be easily painted over with a dispersion paint. If a synthetic paint system is used, it will dry more slowly.
- Clean uncured material on the surface, tools, hands and skin with 815 EuroClean HandClean. Hardened residues on the surface can only be removed mechanically.
- The setting speed of the adhesive depends on the surface temperature, ambient temperature and relative humidity. This sealant is based on hybrid technology and hardens due to the humidity in the atmosphere, as well as other factors.

### Environment and health

- Keep out of the reach of children.
- Ventilate the room thoroughly during and after the processing and drying process.
- Do not eat, drink or smoke while processing this product.
- Avoid contact with eyes and skin and use appropriate means of protection.
- In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor.
- Dispose of product residues and cleaning water according to the local environmental regulations and do not pour into drains.
- The packaging is made from post-consumer recycled (PCR) plastic and is fully recyclable. Only send packaging without residues for recycling. Dried residues of material can be disposed of in household waste.
- For detailed information on safety measures, please refer to the safety information sheet on our website [eurocol.nl](https://eurocol.nl).
- Milieuproductverklaring/Environmental Product Declaration not yet available.
- Tested for emissions of volatile organic compounds and has passed the EMICODE EC 1PLUS test in accordance with EN 13999-2/4.
- Meets the criteria of BREEAM-NL HEA 9 Volatile Organic Compounds; promotes healthy and good indoor air quality due to the construction and finishing materials used having low emissions of harmful volatile organic compounds and other hazardous substances. Suitable for BREEAM new construction and renovation.
- This product contains trimethoxyvinylsilane, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May cause an allergic reaction.

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## QUALITY AND GUARANTEE

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**882 EUROBOND HIGHTACK**



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## ENVIRONMENT AND HEALTH

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MSDS For extensive information about safety and environment we refer to our website [www.eurocol.nl](http://www.eurocol.nl).

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## ITEM DATA

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| Article | Definition        | Packaging          | EAN code        |
|---------|-------------------|--------------------|-----------------|
| 882     | Eurobond Hightack | 290 ml tube        | 8 710345 882002 |
| 882     | Eurobond Hightack | 12x290 ml in a box |                 |

### 882 EUROBOND HIGHTACK