

TECHNICAL DATASHEET - HAUCON UNIVERSAL ADHESIVE

DESCRIPTION

Phthalate free construction adhesive for faster mounting of heavy and light materials. HAUcon Universal Adhesive is a neutral, odorless, moisture curing adhesive. The adhesive is free of solvents and phthalates.

Forms a strong but still elastic joint which can absorb movements from joining building sections. HAUcon Universal Adhesive has an excellent resistance to climatic influence.

Can be applied at temperatures down to -5°C.



APPLICATION

HAUcon Universal Adhesive is suitable for use both in- and outdoor, on walls, roof, and floor.

Good for fast and safe mounting of mirrors, panels, and different types of construction boards.

Adheres to a wide selection of materials such as wood, glass, concrete, bricks, fiberglass, painted surfaces, Perspex, PVC, and some types of rubber.

PHYSICAL / CHEMICAL DATA

Adhesive:

Type: Moisture curing adhesive. Neutral Silan Modified Polymeric (SMP), 1-component.
Fungicide treatment: No
Texture: Thixotropic mass
Shelf life: 2 years in unopened packaging. Store dry and cool.

Adhesive joint:

Paintable: Yes
Shore: app. 60 Shore A (ISO 868)
Tensile strength: 3,0 N/mm² (ISO 37)
Elongation break: 200 % (ISO 37)
Elasticity: +/- 20 %
Storage: Temperature: app. -40 °C to +90 °C
Climatic ageing: Good

DIRECTIONS FOR USE

Preparation:

All surfaces must be clean, dry, free of grease, dust, and loose particles. In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before starting – particular in larger applications.

Application temperature:	Can be applied at temperatures from -5 °C to +40 °C.
Application:	Haucon Universal Adhesive is applied at the substrate or at the materials to be bonded, in lines with 5-20 cm apart, depending on the required strength. Some applications might require special techniques, always follow the instructions from the supplier.
Yield:	2 – 3 m ² /cartridge, depending on dimensions and required strength.
Assembly time:	5 - 10 minutes, depending on the type of substrate, material, and temperature. Surface dry after 1 to 1.5 hours.
Assembly:	The materials are pressed carefully to the substrate. When mounting heavy materials, or for special applications, it might be necessary to support the materials during the curing process. The adhesive will cure in 1 – 2 days, depending on materials and the type of application. A humid and warm room will speed up curing time.
Mounting of mirrors:	The adhesive is applied in vertical strings with approx. 10 cm distance. The mirror should be supported for 2 days after mounting.
Mounting of acoustic boards:	Haucon Universal Adhesive is applied in 4 strings at the backside of the board. The board is then mounted with a firm pressure. Normally additional support is not necessary.
Cleaning:	Tools can be cleaned – and adhesive removed – e.g., heptane, white spirit. Cured adhesive can only be removed mechanically. Hands should be washed with water and soap.

SAFETY

Hazard symbols: None.

For further information, please refer to Safety Datasheet on www.haucon.dk.