

I. CHEMICAL BASE / APPLICATIONS

HIGH TACK glue is a mono-component polyurethane -based mastic glue.

The HIGH TACK glue quickly polymerizes with the humidity of the air and changes into a flexible material with the following features:

- high adhesiveness
- permanent elasticity
- does not run
- does not shrink
- not corrosive
- excellent resistance to ageing and the weather.

The characteristics HIGH TACK make it the ideal product for flexible gluing, especially in cases of impact or vibration:

- gluing of rubber Angle Profiles 1.50-m in length
- vertical gluing of the 10 or 25mm-thick HEXDALLE® XE tiles onto a wall
- vertical gluing of the 25mm-thick Helixa TP Wall Protector Boards

II. PRODUCT PROPERTIES

Aspect: thick

Colour: white

Density at 20°C: 1.56 ± 0.05

Running: (ISO 7390): 0 mm

Polymerization speed: 2mm in 24 hours (at 23°C and 50% RH)

Cross-link speed: > 2 mm / 24 h (at 23°C and 50% RH)

Shore A hardness (IT-20 internal method from ISO 868 standards – 3 seconds): > 55 (after 14 days)

Temperature resistance: -40 at +100 °C (after cross-link)

Compatibility with paints: testing needed before use

Vitesse de réticulation à 23 °C et 50 % HR : > 2 mm / 24 h

Dureté Shore A (méthode interne IT-20 issue de la norme ISO 868 – 3 secondes) : > 55 (après 14 jours)

Résistance à la température : -40 à +100 °C (après réticulation)

Compatibilité avec les peintures : Réaliser des essais préalables

III. INSTRUCTIONS FOR USE

Operating conditions

Temperature of application: from +15°C to +35°C.

Moisture: make sure there is no risk of water vapour condensation on the bases.

Operating tools

Use an ordinary manual applicator gun.

Depending on the application, use a cleaning material suited to the bases.

Preparation of the base

Whatever the intended use, the elements to be glued, the bases or the joint lips must be clean, dry, sound, degreased, free from any demoulding agent and curing compound and cleared of any non-adhesive element (dust, old paint, rust, etc.).

Porous bases

Remove all traces of little or non-adhesive material by manual or mechanical brushing. Then carefully dust by air blast or vacuuming.

Closed bases (metals, plastics, etc.)

Degrease the surfaces with a solvent. In all cases, we recommend using the FC41 solvent. Allow sufficient time for the solvent to evaporate completely.

Apply a line or dots (separated by several centimetres) of HIGH TACK glue to the part to be glued.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.
This manual was reviewed in February 2016 and may be updated; please make sure this is the latest version.

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Fix the element to be glued by simply applying pressure with your hands.

Hold in place if necessary for the first hours of polymerization with adhesive tape or a wedge.

Alternatively: apply the surface coated with HIGH TACK glue onto its base, then remove it and wait for 30 minutes before fixing it for good.

A poorly positioned part can be easily unglued and repositioned during the first thirty minutes after being applied. Apply pressure again with your hands.

The gluing becomes fully effective after complete polymerization of the HIGH TACK glue, i.e. after 24 to 48 hours at 23°C for 2- to 3-mm thick gluing.

IV. ADHESION

The HIGH TACK glue provides excellent adhesion, without primer, onto materials bound with cement, cellular concrete, brick, stone, aluminium, epoxy coating, polyester, stainless steel, most treated wood (ask us about other bases).

V. CHEMICAL RESISTANCE

The HIGH TACK glue is resistant to fresh, salt and hard water, and most cleaning agents in aqueous solutions.

The HIGH TACK glue temporarily withstands hydrocarbons, weak acids and diluted alkalis.

The HIGH TACK glue does not withstand solvents, nor strong mineral bases and acids. It is not suited for permanent contact with swimming pool water.

VI. OTHER INFORMATION

PACKAGING

290-ml cartridges.

The HIGH TACK glue must be stored in a dry place at less than 25°C.

In such conditions, if the packaging has not been opened, the HIGH TACK glue can be stored for 6 months.

CONSUMPTION

Strip gluing, 1 cartridge for a 12m strip of HIGH TACK glue, 5mm x 5mm.

Or according to the gluing dimensions, between 0.2 and 0.6kg/sqm.

TOOL CLEANING

When the mastic is still fresh, tools can be cleaned with a cloth soaked in FC41 solvent.

Once it has polymerized, the mastic can only be removed mechanically.

PRECAUTIONS

Wear personal protective equipment.

Take general protection and hygiene measures:

Keep away from food products, drinks and animal feed. Avoid any contact with the skin, the eyes and the mucous membranes, and avoid inhalation. Immediately remove soiled or dampened clothes.

Protect hands by wearing gloves.

Protect eyes by wearing airtight protection glasses.

Protect the body by storing work clothes separately. Wash hands at each break and when the work is finished.

Please read the safety sheet before use.

NOTE

Our advice on technical applications is given without any guarantee whatsoever.

Buyers of our products are responsible for their application or their transformation, even as regards any third party rights.

Manufactured by EMFI S.A.S

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