

HTM High Tack Flex-Adhesive

Properties	Value (colored)	Unit	Method / Remarks
	System		
Chemical base	hybrid		
Consistency	paste		
Density	1.54	g/ml	20 °C, EN 542
Storage temperature range	+5 to +25	°C	
Frost Resistance during transportation	up to -15 °C		
Shelf life	18	months	+5 to +25 °C
	Handling		
Application temperature range	+5 to +40	°C	
Tack free time	10	min	23 °C, 50 % rel. h.
Curing speed	2 to 3	mm/24 h	23 °C, 50 % rel. h.
Application	One or both sided; entire surface, wavelike		
	Performance of cured material		
Hardness	56	Shore A	DIN 53505
Service temperature range	-40 to +90	°C	Fully cured
Tensile strength	2,00	MPa	
100% Modulus	1,20	MPa	

Application

Structural elastic bonding in the building and metal working industry. Direct bonding of many materials. For dynamically stressed, structural bonding, where a high initial adhesive force is required.

For equalising bonding of a wide variety of components. Powerful, elastic bonding of natural stone, metals, plastics, concrete, brick, plasterboard, wood, render, ceramic, aerated concrete, fibre cement, Styrofoam®, HPL, pumice, PVC, ABS, cork, enamel, glass and many more.

At least one of the components to be bonded must be absorbent. To bond two non-absorbent materials: see "directions for use" below.

Not suitable for bonding PE, PP, PTFE, PC, PMMA, soft plastics, neoprene and bituminous substrates.

Properties / Features

- Extreme high initial tack, no need of fixation or support during curing
- Suitable for natural stone, no staining on porous materials
- Fast curing
- Multi-use
- High adhesive strength, seals like silicon
- Waterproof, sea- waterproof
- Ageing- and weather-resistant
- Adheres well to wet surfaces
- Vibration-damping, good tensile loads
- Paste-like, non-drip, therefore suitable for bonding on vertical areas or overhead use.
- Silicon- und solvent-free
- Paintable*

* HTM High Tack Flex Adhesive is paintable with many Paints and varnishes (excellent compatible with paints according to DIN 52452-A1). HTM can be recoated wet in wet.

Motion compensating sealants may not be fully coated. If this is required in exceptional cases, the coating has to tolerate the deformation of the sealant without any optical and/or mechanical defect (DIN 53452-4). With alkyd resin paints a drying retardation of the paint may occur. Because of the various available coating systems, we advise to test the compatibility and the adhesion before using.

Directions for use

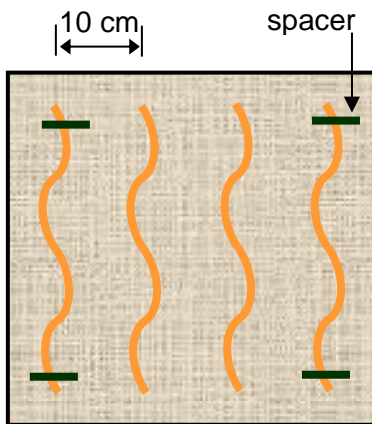
Surfaces must be clean and free of dust and grease. Adheres perfectly without primer on most, even damp, surfaces. One of the materials to be joined together should be absorbent.

Use a soap solution to smooth before the skin forms.

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10 – 20 cm distance in between (curing by atmospheric humidity). Bring the materials into position and press well to make sure that the thickness of the adhesive is minimum 2-3 mm between material and surface. If necessary insert a spacer (for example a match without head) in the adhesive gap (see drawing below).

Do not apply the adhesive in dots!

Due to the extremely high initial adhesion, fixation during curing is usually not necessary.



For further questions please contact our technical department.

Cleanup

Before curing with cleaning solvent. After curing can only be removed mechanically.

Storage

Store in a cool and dry place at +5°C to +25°C.

Classification and Labelling

Labeling not required.

Only recycle when empty.

For further safe handling information on this product, consult the Safety Data Sheet (SDS).

The information in this adhesives brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.