HB Construct

Technical data

Basis	Hybrid Polymer
Consistency	Liquid paste
Curing system	Moisture curing
Curing speed * (23°C/50% R.H.)	Ca. 1 mm/24h
Density	1,44 g/ml
Viscosity (Brookfield)	Ca. 130.000 mPa.s
Total solid content	100 %
Temperature resistance**	-30°C to +100°C (cured) DIN EN 14257 (WATT 91): 7 N/mm²
Open time (23°C, 55% RV)*	Ca. 10 min.
Water resistance (EN204)	D4
Shear strength**	> 10MPa
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description
HB Construct is a unique waterproof (D4), non-foaming, very strong, isocyanatefree construction adhesive.

Properties
- Isocyanate free construction adhesive
- No black fingers
- Water resistant D4
- Non foaming
- For in- and outdoor use
- End strength up to 110 kg/cm²
- Clamping not necessary
- Can be finished immediately after application
- High heat resistance

Applications
- Suitable for the bonding of non-carrying bondings between different sorts of wood.
- Specific for bondings with a wooden seam which will remain visible.
- Suitable for all fitting outside connections who are exposed to weather effects: doors, windows, other constructions who are in a need of a D4 water resistance classification.

Packaging
Colour: brown, white, black
Packaging: 290 ml cartridge

Shelf life
12 months unopened and stored in dry and cool conditions (Between 5 and 25 °C), After use, close the packaging with the original cap.

Substrates
Substrates: Suitable for bonding most commonly used materials from the construction and building industry such as wood, wood based materials, glass, aluminium, steel, many types of plastics, tiles, concrete, brick, ... At least one of the surfaces should be porous. Not suitable for PE, PP, PTFE and bitumen
Nature: The surface may be humid. The surfaces must be clean, free of dust, grease, oil and rust.
Surface preparation: For a better adhesion, it's recommended to roughen the surface with sanding paper P80, metal has to be free of rust and roughened at a St 3 level (according to ISO 8501-1). Both substrates have to be even and/or well matched.

HB Construct

We recommend a preliminary adhesion test on any substrate.

Application method
Application method: Apply with a caulking gun in equal beads or dots. Close within 10 minutes, press well and fixate while curing until hand tight (ca. 60 min) Wipe away excess product with a cloth. Cured product can only be removed mechanically.
Cleaning: HB Construct can be removed from tools and material with Soudal Surface Cleaner, White Spirit or Swipex, before curing. Cured HB Construct can only be removed mechanically.
Repair: With the same material.

Health- and Safety Recommendations
Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks
- Do not use in applications where continuous water immersion is possible.
- The end strength of HB Construct is equal or higher to similar PU construction adhesives.