

- Construction adhesive, free of isocyanides
- No black fingers
- Waterproof according NEN-EN 204 D4
- Non-foaming
- Certified according to KOMO "Adhesives for not supporting construction joints" (certificate 33196)
- For interior- and exterior application
- Shear strength until 110 kg/cm²
- Clamping not necessary. After 45 minutes handfixed
- 100% sealing effect
- Direct removal of residues possible

PRODUCT

ConstruCol HV45 is a unique, waterproof (D4), non-foaming, filling, very strong construction adhesive, free of isocyanides.

TECHNICAL DATA

Base	: Hybride technology
Solids content	: Approx. 100%
Viscosity	: Pasty
Min. processing temperature (MFT)	: 5 °C
Color	: brown, black and white
Smell	: karakteristic
Temperature resistance	: DIN EN 14257 (WATT 91): 7 N/mm ²
Moisture resistance	: Waterproof according to NEN-EN 204 D4
Open time	: max. 6 min.
Press time	: handfixed (> 10kg/cm ²) after 45 minuten
Shear strength	: > 110 kg/cm ²

ATTENTION

The above values are determined at 20° C/65% Rh, and a wood humidity of 10%. Different circumstances have other values.

APPLICATION

Wood and woody material

Suitable for gluing not supporting joint out of wood and woody materials. For exterior application when glued joint is protected accordingly. For window- and doorframes we advise to use Frencken Frame adhesive 0819 SLS (Kozijnenlijm 0819 SLS). Also suitable for not properly fitted joints.

Wood in combination with other materials

ConstruCol HV45 is suitable for (not supporting) construction joints out of wood or woody materials for doors, windows, façade woodwork etc., but also for in combination with metals like aluminium, stainless steel or galvanized steel or concrete, cardboard, several plastics and PU- and PS hard foam. Also suitable for not properly fitted joints.

Other materials among themselves

With the ConstruCol HV45 all kinds of porous materials can be joint among themselves with a final strength that matches or outperforms the PU construction adhesives. Materials like aluminum, stainless steel or galvanized steel, concrete are tested with good results under laboratory conditions. To reach the high final strength it is mandatory that enough moisture can react with the adhesive during the hardening process. Depending on the type of material, surface structure, material thickness, humidity and temperature.

In case materials do not contain the necessary moisture, the Frencken Surface activator is recommended. Apply the Surface activator after sanding the material. Apply the adhesive on both side.

Attention! A test beforehand is mandatory.

Not suitable for PE, PP and PTFE and other plastics.

MATERIAL SAFETY DATA SHEET

For current and detailed information regarding chemical composition, safety aspects, handling, transport, storage and personal protection, etc., please refer to the Material Safety Data Sheet (MSDS) of this product. Your supplier is in possession of the most recent document. You can also request it from Frencken.

SHELF LIFE

For information about shelf life, see packaging.

PACKAGE

Package	Art. number	packed per
Cartridge 290 ml brown	129153	12
Cartridge 290 ml black	153994	12
Cartridge 290 ml white	154754	12



The above product information and recommendations are without obligation and are based on extensive tests and measurements and experience. However, the use of new materials, different working methods and other factors which are under Frencken's control prevent Frencken from assuming any liability. If in doubt, please contact our experts.