

PROFCOLL EXPRESS HARD

PRODUCT

Quickly bonding adhesive based on vinyl dispersion with modifying agents and fillers added.

APPLICATION

Adhesive intended for structural gluing of traditional wood, chipboard and other wood based materials at room temperature.

PROPERTIES

- joint's resistance to water of class D2
- does not contain organic solvents, phthalates or formaldehyde
- transparent joint
- quickly attains initial durability

TECHNICAL DATA

No	Inspected property	Requirements
1.	Colour of the adhesive	white
2.	Colour of the joint	transparent
3.	Dry mass	55% ± 3
4.	pH	4 ± 1
5.	Density	1.6 g/cm ³ ± 0.02
6.	Viscosity (Brookfield's method) 20 °C	16,000 ± 1,500 mPa* s
7.	Minimum temperature of film formation	Approx. 6°C
8.	Joint break off	minimum 3.0 MPa after 10 minutes minimum 4.0 MPa after 25 minutes

INDICATIONS FOR APPLICATION

Prior to usage, mix thoroughly. Apply on clean surfaces with typical tools such as: brushes, stopping knives, cylinders.

Optimum gluing conditions:

- temperature of the adhesive and materials glued 15÷25°C
- wood dampness 8÷12 %
- air relative dampness 50÷80%
- amount of adhesive put on
 - structural gluing 140÷200 g/m²
 - wide surfaces 80÷140 g/m²
- open time 6÷9 minutes
- average pressing time in temperature 18÷22°C:
 - gluing hardwood spikes and tenons up to 7 minutes
 - block bonding of hardwood 10÷15 minutes
 - gluing softwood and chipboard 8÷13 minutes

Elements glued shall be put together and pressed. Joint attains complete durability within 24 hours.

STORAGE

Store in tightly closed containers protected against dampness. Storage temperature 6÷24°C, up to 6 months.

PACKAGING

As per client's requests.