

4.1 Adhesives for wood and hardwood flooring

DUROSTICK D-100 Fast setting water resistant acrylic wood glue



TECHNICAL SPECIFICATIONS (Measurement conditions 23°C and 50% R.H.)

| | |
|--|--------------------------------------|
| Color | White, becomes transparent when dry |
| Density | 1.05±0.05 kg/lit |
| Solids by weight | 50% w/w |
| Dilution with water | Up to 5% |
| Application temperature | From +8°C to +35°C |
| Temperature resistance when using heat press | Up to 115°C for 130 minutes |
| Adhesion strength | 5.00 N/mm ² , per EN 1348 |
| Initial bonding | 30-35 minutes |
| Non flammable, odorless, friendly to human and the environment | |

CONSUMPTION

200gr/m²

STORAGE

Store in places protected from frost in closed containers for at least 18 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek medical advice and show the container or label.

PACKAGING

Carton box with 15 bottles of 500gr each one
4kg container
150kg barrel

PROPERTIES

Fast setting and flexible white carpentry glue. It becomes crystal clear when dries. With excellent resistance to moisture. A specialty product for outdoor woodwork that is exposed to the elements. Created for long-term durability in every woodworking application. The product is non flammable and odorless, hypoallergenic as well as resistant to vibrations and impacts of woods.

Ideal for bonding large wooden surfaces on the heat press. Resistant to 115°C for 130 minutes, without being affected. It exceeds all D3 per EN 204/205 and D2F per EN 12004 standards for bonding hard and soft woods with adhesion strength of 5.0 N/mm².

APPLICATIONS

DUROSTICK D-100 is suitable for bonding outdoor and exposed to water wood structures like pergolas and window frames. Bond securely oak doors, even wood stairs (pic.2) and wood floors, while protecting the bond from moisture.

Use it also in shipbuilding and for all the interior woodwork. Suitable for bonding cork and expanded or extruded polystyrene to concrete, wood and MDF as well as plaster and brick.

Distinguished for its advantages in furniture building and construction made

from hard or soft woods, such as beech, oak, walnut, oregon, rosewood, mahogany, and Swedish.

USE

1. Surface preparation

The application surface must be clean, free from dust and loose paint.

2. Application

Apply the glue as is, using brush or roller, on both surfaces to be bonded.

When the packaging bottle is used, cut the nozzle at the required length, so as to ensure regular flow of the adhesive, and apply on both surfaces to be bonded.

Join within 10-15 minutes on the heat press or secure the pieces with clamps (pic.1) for 3-5 hours, depending on the ambient humidity and temperature.

The bonding is completed in 24 hours.

LIMITATION OF USE

It is not recommended to use the adhesive when the temperature is below +8°C. While the adhesive is still fresh, the temperature should not drop below +4°C.

CLEANING

Remove any residue that might accumulate using a wet cloth or a sponge while the adhesive is still fresh. After the application, clean all tools and any residues with water and clean hands with warm water.



pic. 1



pic. 2