

# D-100



**Fast setting, crystal clear water resistant acrylic wood glue**



## ■ PROPERTIES

Fast setting and flexible white carpentry glue. It becomes crystal clear when it dries. It offers excellent resistance to moisture and provides long-term durability for all woodworking applications. It is durable against vibrations and impacts on woods. Ideal for bonding large wood surfaces on a 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 an adhesion strength of 5.0 N/mm<sup>2</sup>.

## ■ APPLICATIONS

DUROSTICK D-100 is suitable for bonding exterior, and exposed to water, wood structures like pergolas and window frames. It securely bonds oak doors, even wood stairs and wood floors, while protecting the bond from moisture. Use it also in shipbuilding and for all interior woodwork. Suitable for bonding cork and expanded or extruded polystyrene to concrete, wood and MDF as well as plaster and brick.

Noted by its advantages in furniture building and construction using both hard or soft woods, such as beech, oak, walnut, oregon, rosewood, mahogany, and Swedish.

## ■ USE

### 1. Surface preparation

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

### 2. Application

Apply the adhesive and spread it evenly, with a brush or a roller, on both surfaces to be bonded. When using the packaging bottle, cut the nozzle to the required length, so as to ensure a regular flow of the adhesive, and apply it to both surfaces to be bonded. Join the pieces within 10-15 minutes and secure them with clamps for 3-5 hours, depending on the ambient humidity and temperature. Full bonding is achieved after 24 hours.

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### ■ 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 excess glue immediately with a damp sponge. Clean all tools and hands with warm water.

### ■ CONSUMPTION

200gr/m<sup>2</sup>.

### ■ STORAGE

Store in places protected from frost in closed containers for 12 months from production date.

### ■ SAFETY DIRECTIONS

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

### ■ PACKAGING

Carton box with 15 bottles of 500gr each one  
4kg container  
125kg barrel (special order).

### TECHNICAL SPECIFICATIONS

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

■ Color	White, becomes transparent when dry
■ Density	1.05±0.05kg/lt
■ Solids by weight	50% w/w
■ Dilution with water	Up to 5%
■ Application temperature	From +8°C to +35°C
■ Temperature resistance in heat press	Up to 115°C for 130 minutes
■ Adhesion strength	5.0 N/mm <sup>2</sup> , per EN 1348
■ Initial bonding	30-35 minutes

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