

# DS-205 SUPER GLUE



Heavy duty glue for wood constructs exposed to water & moisture



## ■ PROPERTIES

High quality and odorless, advanced new technology water soluble glue, based on acrylic polymers. It maintains its original flexibility, ensuring unbreakable bonding, against stresses due to vibrations or expansions and contractions. It is suitable for bonding large wood surfaces in heat press applications. It is tolerant to temperatures up to 110°C, for 120 minutes, without being affected. It exceeds all D3/D4 per EN 204/205 standards.

## ■ ADVANTAGES

- Convenient packaging (vial) - ease of application.
- Powerful bonding.
- It does not sag and does not get greasy during application.
- Durable against temperature and ageing.
- Excellent durability, even when exposed to water for several days (after curing).

## ■ APPLICATIONS

DUROSTICK DS-205 SUPER GLUE is ideal for bonding wood or timber constructs exposed to moisture. Ideal for wood constructs made of oak, beech, iroko, teak, cherry, walnut and/or other kinds of wood, ensuring their excellent adhesion and durability. It is recommended for bonding wood skirting boards and mouldings as well as MDF, cork soundproofing sheets and laminate. It is also suitable for bonding extruded and/or expanded polystyrene without priming on any kind of porous building material, such as brick, plaster and concrete.

## ■ USE

### 1. Surface preparation

Surfaces to be bonded have to be free from dust, oils, loose parts; they should not be shiny, (sand the surfaces to increase their absorbency), and they should fit properly

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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### ■ 2. Application

Apply the adhesive and spread it evenly, with a brush, roller, or notched trowel, 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 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.

### ■ LIMITATIONS OF USE

- For effective bonding, it is necessary that one of the two surfaces is absorbent.
- Sand all painted surfaces using sandpaper, to increase their absorbency.
- 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

150-200gr/m<sup>2</sup>.

### ■ STORAGE

Store in closed containers under normal storage conditions, protected from frost, for 18 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 20 bottles of 250gr each one  
 Carton box with 15 bottles of 900gr each one  
 5kg, 15kg containers.

TECHNICAL SPECIFICATIONS (Measurement conditions 23°C and 50% R.H.)	
■ Form - Color	Thixotropic paste - Beige
■ Resin	Acrylic-based polymer
■ Density	1.35±0.05kg/lit
■ Viscosity	160000±15000 cP (spindle 7/20 rpm)
■ Solids by weight	70-75% w/w
■ pH	6.8±0.5
■ Application temperature	From +8°C to +35°C
■ Temperature resistance	From -30°C to +100°C
■ Flexibility	Excellent
■ Moisture resistance	Very good
■ Approvals/Standards	Meets the requirements for EN 204/205 category D3/D4

MECHANICAL STRENGTHS	
■ Adhesion strength after 7 days	> 10.0 N/mm <sup>2</sup> (per EN 204/205)

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