

# D-90



Multipurpose polyurethane based super glue



## PROPERTIES

One component, solvent free, polyurethane based super strong glue with exceptional bonding ability. A ready to use product, it bonds similar and dissimilar materials, being moisture resistant, thus it is suitable for indoor and outdoor use. Available in paste form and beige color. Classified D4 per EN 204/205.

## APPLICATIONS

D-90 of DUROSTICK is necessary in shipbuilding, steel, wood and cement constructions. It is also suitable for all kinds of small outdoors repairs in spaces exposed to adverse weather conditions. Perfectly bonds various types of broken clay pots and planters. Dramatically increases the anchoring power of plastic wall fasteners. Use it to bond the corners of aluminum frames, wood frames, adhering wood skirting to walls, installing decorative stones and ceramics, metal on plaster, concrete, etc. It does not bond polyethylene and teflon.

It is essential in every household for minor repairs. It is available in a practical blister pack of 80ml.

## USE

### 1. Surface preparation

The bonding surfaces must be free of dust, oils, rust and loose materials. For very smooth surfaces, it is recommended to sand them with fine sandpaper and lightly spray with water, if the environment is dry and warm.

### 2. Application

On the one side, apply the adhesive in dots or lines. Join the parts to be bonded to distribute the glue and push together firmly, tapping with a rubber mallet, as needed. Press the surfaces for at least 10 minutes avoiding any movement. Bonding is achieved after 15-30 minutes and final strength after 24 hours, depending on the humidity level (which helps to reduce the curing time). It is recommended to apply D-90 of DUROSTICK in cartridge form, using the extremely durable PROFESSIONAL CARTRIDGE GUN of DUROSTICK.

## CLEANING

While the product is still fresh it can be cleaned with acetone. However, once the product dries, it

# D-90



## Multipurpose polyurethane based super glue

can only be removed by mechanical means and with great difficulty.

### CONSUMPTION

Depending on the application. Indicatively, one 290ml cartridge yields 12-13 linear meters of continuous line.

### STORAGE

Store in tightly closed packaging in dry places (at ambient temperatures from +5°C to +25°C), for 12 months from production date.

### SAFETY DIRECTIONS

The product is classified as harmful. It is recommended to keep away from the reach of children. Before use refer to the cautions on the product packaging or the Material Safety Data Sheet.

### PACKAGING

- Carton box with 12 blisters of 80ml each one
- Carton box with 12 cartridges of 290ml each one

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

<b>Form - Color</b>	Polyurethane paste - Beige
<b>Density</b>	1.45±0.10 kg/lit
<b>Solids by weight</b>	100% w/w
<b>Application temperature</b>	From +5°C to +35°C
<b>Temperature resistance</b>	From -30°C to +80°C
<b>Toxic</b>	No

### MECHANICAL STRENGTHS

#### Tensile strength:

• <b>Measurements with wood</b>	10.0 N/mm <sup>2</sup>
• <b>Measurements with stone</b>	11.0 N/mm <sup>2</sup>
• <b>Measurements with aluminum</b>	14.0 N/mm <sup>2</sup>

### DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS  
 ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00, Tel: +30 211 60 03 500-599, +30 210 55 16 500, +30 210 55 98 350, Fax: +30 210 55 99 612  
 THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44, STREET, DA 10, GR: 570 22, Tel: +30 2310 795 797, +30 2310 797 365, Fax: +30 2310 797 367  
 Email: info@durostick.com

The technical specifications and directions of use contained in this technical brochure 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.