

COLLA POLIURETANICA IN CARTUCCIA

STRUCTURAL CONSTRUCTION ADHESIVE

Product Description:

It is a one-part, **solvent-free**, moisture curing polyurethane construction adhesive with outstanding resistance to water, temperatures, weathering and ageing conditions.

Applications:

Suitable for structural bonding in wood-working, building & construction and carpentry. It's technical characteristics, together with its high adhesion properties, allow fast bonding of several construction substrates, such as: wood, plastic materials, metals, concrete, natural stones, ceramics, bricks, concrete and tiles.

Typical applications; bonding of wooden elements, wood and aluminium window joints, steps, stairs, doors; Chemical anchorage in building construction, for bonding of stones, plasterboard, cover and insulation panels.

Product Properties:

-Chemical basis	Polyurethane
-Cure mechanism	Moisture curing
-Specific weight	1.46 ± 0.02 gr/cc
-Viscosity	thixotropic paste
-Tack free time at 23°C and 50% r.h.	8 -10 minutes.
-Shear strength by tensile loading (EN 204 – D1)	≥ 10 N/mm ²
-Shear strength by tensile loading (EN 204 – D4)	4,5 N/mm ²
-Chemical resistance	Excellent
-Application temperature	+5°C to +35°C
-Temperature resistance	- 40°C / +80°C

Instructions:

All surfaces to be bonded must be perfectly clean, dry and free from dust, grease, oils and debris.

Apply on one side with a caulking gun or spread on the surface with a spatula.

The high viscosity holds elements to be bonded in position, we however recommend the use of clamps for at least 30 minutes on coupled parts.

To achieve optimum performance it is important to have a very thin layer of U-Bond between the substrates.

Colour Range - Packing :

Standard Colour:	Beige
PE cartridges 310 ml.:	25 cartridges per box

Storage:

Can be stored for 12 months in its original packing at 5°- 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time.

Keep away from heat sources.

General Information:

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out.

B.F. PLASTOSIL S.R.L. reserves the right to modify and up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.

ALWAYS CONSULT THE SAFETY DATA SHEETS BEFORE USING THE PRODUCT.

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