

TECHNICAL DATASHEET

PEGACRIL PU GLUE

PEGACRIL PU glue is a single component polyurethane based elastomeric glue. This polyurethane glue polymerizes quickly on contact with the air humidity, it becomes a flexible and resistant cord that has a very good adhesion on the vast majority of traditional construction materials.

APPLICATION AREAS

PEGACRIL PU is recommended for bonding various materials in the industry and for the realization of joints. It adheres without primer on most common materials: wood, anodized aluminum, lacquered polyester metal, concrete, glass, high-pressure laminated panels (HPL), fiber cement and porcelain panels, Vitroflex Wallguard, etc.

TERMS OF USE

- PEGACRIL PU is applied with the help of a manual or pneumatic gun on clean, dry and degreased supports, at temperatures between + 5°C and + 40°C. All traces of fatty bodies, paints or non-stick coatings should be completely removed.
- Let the surfaces dry after cleaning and degreasing them. It is recommended to clean the concrete with a metal brush and sand the metal surfaces if necessary. Clean after sanding.
- In case of applications below + 5°C, store cartridges or bags at + 20° C before being used.
- The cartridge is kept 12 months in the original container stored at a temperature between + 5°C and + 25°C. Once opened, it must be used within 24 hours of opening.
- After being applied, the two surfaces to be joined must be squeezed and the excess of product must be removed with a wet spatula.
- During polymerization, avoid contact with MS polymers, hybrid polyurethanes or non-polymerized silicones and also with alcohols or ammonia.

The performance of the PEGACRIL PU cartridge is considered:

Diameter (mm)	2	3	4	5	6	7	8	9	10
Cord length (m)	98	43	24	15	11	8	6	4	3

In very porous materials it is recommended to use a higher quantity.

It has good compatibility with:

- Water based paint.
- Solvent based paint; trials must be performed.

Cleaning:

Instruments should be cleaned with xylene or toluene when the putty is not polymerized yet. After polymerization the only way to remove and clean the product is abrasion.

Security advices:

Harmful: before using the product, consult the safety data sheet.

TECHNICAL SPECIFICATIONS – PEGACRIL PU GLUE

Properties	Value	Unit
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Technical datasheet

Colours	Grey, white, black	
Density	Grey and white: $1,18 \pm 0,05$; black: $1,15 \pm 0,05$	
Consistency	Paste like	
Take down (ISO 7390)	Null	
Cleaning	688/1 before drying	
Formation of surface skin at 23° C and 50% HR	~60 min	
Cross-linking at 23° C y 50% HR	4 mm in 24 hours	
Shore A hardness (ISO 868 – 3 seconds)	~ 45	
Resistance to the temperature	-40°C at +90° C	
100% module (ISO 37)	0,6 MPa	
Elongation at break (ISO 37)	> 600 %	
Application temperature	+ 5° C a + 35° C	
Resistance to diluted acids and bases	Medium	
Resistance to UV rays	Good	
Resistance to the sea and marine environments	Excellent	
Conventional dry extract (EN 827)	> 93 %	
Aqueous paints compatibility:	Yes	
	Solvents: Tests are necessary	

The properties described here are typical values of the material. Polimer Tecnic is not responsible for the materials of a specific consignment to exactly match the given values, being able to carry out tests of that heading. The above information is based on our experience and is given in good faith. Due to some installation and processing factors that are beyond our knowledge and control, no guarantee is given regarding such information.

