

TECHNICAL DATASHEET

PEGACRIL PLUS GLUE

PEGACRIL PLUS is a single component elastomeric adhesive cured under the effect of atmospheric moisture or the substrate.

PEGACRIL PLUS does not contain isocyanates or silicones.

PEGACRIL PLUS is certified by FCBA (French Wood and the Furniture Technical Center) for wooden parquet floors made according to NF B 54-008 and according to NF P 63-202 (DTU 51.2): CTBA Certificate No. 07 / CTBA -IBC / PHY / 91. Its EMI CODE EC1-R classification guarantees a very low emission of VOCs or solvents (less than 500 mg / m³ measured after 10 days).

APPLICATION AREAS

PEGACRIL PLUS is specially developed for all types of parquet floors and Wallguard type coatings (even large), or for engineering and phenolic parquet.

Its adhesion is excellent without primer on most substrates such as wood, water-repellent chipboard, concrete or anhydrite screeds, adhered paints, paving, stone and plastics.

The application is easy and not aggressive against varnish.

PEGACRIL PLUS remains elastic after polymerization and improves the acoustic comfort of parquets and coated surfaces.

Thanks to the resistance to moisture and heat, this adhesive is suitable for laying parquet and coating in difficult environments (heated floors, bathrooms, etc).

For heated floors, it must be applied over the entire surface.

TERMS OF USE

For substrate preparation and application, refer to DTU 51.2 (NF P 63-202).

Support Preparation:

The substrates must be clean, dry, free of dust and grease, and should not be exposed to moisture under any circumstances.

Do not work at temperatures below 5 ° C or when the relative humidity exceeds 65%. If necessary, heat and ventilate the room.

The surface must be uniform with a maximum slope of 5 mm measured with a 2 m ruler.

The moisture level of the substrate must be less than 3% (<0.5% for anhydrite screeds).

In anhydrite screeds, a previous scraping is necessary.

On heated floors, after 2 to 3 weeks of operation, the heating must be stopped 48 hours before working. After installation, wait a minimum of 7 days before switching on the heating gradually.

On difficult substrates, contact us.

Application:

It is distributed evenly over the surface to be coated with a suitable spatula. Place the pieces on the adhesive film.

Let it dry for at least 48 hours before sanding.

In the application of cork or fibrous substrates it is convenient to wet the back side of the lower layer with a water spray (approximately 20 g / m²) in order to accelerate the curing of the adhesive.

Storage for a maximum of 12 months in the original container tightly closed between 5° and 25°C.

Approximate consumption depending on the substrate of 800 to 1200 g / m².

The tools must be cleaned with a solution, before the adhesive has completely cured. After curing mechanical cleaning is required.

Security advices:

Not classified as dangerous.

TECHNICAL SPECIFICATIONS – PEGACRIL PLUS GLUE

Properties	Value	Unit
Aspect	paste	
Colour	beige	
Viscosity at 23°C	Brookfield RVT/ spindle 7 / 5 rpm : 230,000±50,000)	mPa.s
Density at 20°C	1.70±0.05	g/cm ³
Application temperature:	from 15 to 35	°C
Skin formation at 23 °C and 50% HR	De 50 a 80	min*
Curing time at 23 °C and 50% HR	> 3 mm/24 h	
Final hardness Shore A (ISO 868-3 seconds)	Ca. 70	
Resistance to temperature	-40 a +90	°C
Resistance to acid and base diluents	Average	
Specific data	Open time 23°C and 50% RH: 40 min* Shear strength (DIN 281): ca. 11 daN/cm ² Water Resistance: Excellent	

* This time is shorter at higher temperature and humidity.
Therefore, it is necessary to ensure that the open time is not excessive. Otherwise, the union may be defective.

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.