

ACRYL GLUE

High performance single-component acrylic

- High bonding strength;
- moisture-proof;
- odourless;
- elastic.



Highly adhesive



Moisture-proof



No odour



No cracks on drying

PACKAGING 1/3/6/12 kg

Product

ACRYL GLUE is a universal repair and installation acrylic adhesive for wall and floor coverings.

Features:

- **reliable bonding** of floor coverings to the substrate;
- **long-term** bonding strength due to moisture resistance and high adhesion;
- **elasticity**;
- **moisture resistance**.

Application

ACRYL GLUE is intended for gluing of particleboard, fibreboard, OSB, cardboard, MDF, cork, expanded polystyrene and decorative plaster elements, tiles, ceramic mosaic and materials, polyurethane, parquet (wooden flooring), carpeting, and linoleum to concrete, brick, plaster, wood and other materials. Using the product for bonding parquet made of maple, beech, and ash is not recommended. Can be used both in dry and wet premises.

Table 1

Materials to be bonded	Tiles, ceramic materials	Glass	Wood, Particleboard	Plastic	PVC	Concrete	Gypsum	Foamed plastic	Stone	Metal
Tiles, ceramic materials	+		+				+	+	+	
Glass			+				+			
Wood, Particleboard			+	+	+		+	+	+	+
Plastic	+		+	+	+		+	+	+	
PVC	+		+				+	+		
Concrete	+		+	+	+		+	+	+	+
Gypsum	+		+	+	+		+	+	+	
Foamed plastic	+		+				+	+		
Stone	+		+	+	+		+	+	+	
Metal	+		+				+	+	+	

Table 2



Specifications	
composition	aqueous dispersion of acrylic polymer with mineral fillers and functional additives
dilution agent	water <i>May be diluted by up to 5%, but only after thorough mixing.</i>
appearance	homogeneous, viscous mass of white colour.
consumption rate	about 250–350 g/m ² when applied with A1 trowel. about 450–550 g/m ² when applied with B2 trowel.
density	1.65 kg/l
non-volatile matter content	about 75%
adhesion to concrete	At least 2.0 MPa (after 7 days).
thermal resistance	finished coating withstands temperatures from -20 to +50°C.
application method	using a notched trowel for maximum adhesion strength, apply to both surfaces to be bonded.
drying time	open time: about 20 minutes at air temperature of 20±2°C and humidity of 60±5% bonded surface is ready for use in 24 hours maximum adhesion strength is achieved in 72 hours Drying time and open time increase with lower temperature and higher relative air humidity
packaging	plastic buckets: 1 kg, 3 kg, 6 kg, 12 kg

Values specified in the table refer to test results obtained at temperature of 20–22°C and humidity of 60%.

Standards

Declaration of Performance No. CPR 1/018.

Table 3

			
Tensile test (metal plate: linoleum)	$\geq 0.7 \text{ N/mm}^2$	EN 1372	
Shear test (cement slab: wood)	$\geq 0.9 \text{ N/mm}^2$	EN 1373	
Shear test (cement slab: ceramic tile)	$\geq 0.7 \text{ N/mm}^2$		

Application

Working surface preparation

The substrate to be treated should be dry, free of dust, dirt, salt efflorescence, oil stains and other substances that reduce adhesion. Remove any cracked and peeling areas of the substrate. Remove white lime paint and calcimine, then wash the surface with water. If necessary, finish the surface with Polimin plasters and putties, sand and clean off dust. Pre-treat absorbent surfaces with Polimin primers AC-5, AC-7, AC-8.

Application conditions

Surface and air temperature should not be less than +5°C or more than +30°C. Relative air humidity should not exceed 80%. Moisture content of the treated surface should not exceed 4%. Avoid draughts, exposure to wind and direct sunlight. When laying coverings over heated floors, adjust temperature to +18°C.

Application of glue

Mix thoroughly before use. If necessary, dilute with clean water (no more than 5% by volume).

Bonding of roll materials and floor carpeting (linoleum, synthetic carpet, etc.): unwind elastic materials and keep them laid flat for at least 24 hours for flattening. Apply the glue to prepared substrate with a notched trowel. The glue should be applied on area to be coated during the open time, i. e. about 20 minutes under normal conditions. Roll off rolled material with no tension, press tightly and level out using a roller. Cut off the overlaps and edges after hardening of the glue in the middle of the web.

Gluing of non-roll materials (laminated flooring, parquet, decorative and other elements):

Apply the glue to prepared flat substrate using a notched trowel B₂ on an area which is at least 80% of the total area of the element to be bonded. The glue should be applied simultaneously to elements that can be installed during the open time, i. e. about 20 minutes under normal conditions.

Storage conditions

Store tightly closed in original bucket, in a dry environment (preferably on pallets) at a temperature of +5 to +30°C. Do not allow freezing or exposure to direct sunlight. The storage life is 18 months from the date of manufacturer's label.

Additional Information

Cleaning tools

Clean and rinse tools with water immediately after completion of works. Do not let the glue on tools harden. Remove hardened glue mechanically.

Safety

The glue does not pose a physical hazard or health risk under normal conditions of use. Use protective clothing, gloves, protective goggles when working with glue. In case of contact with skin, wash off with water; in case of contact with eyes, rinse with water and seek medical advice.

Environmental safety

Do not discard into drains, water bodies or ground. Dispose of liquid material at a special waste collection point. Dispose of empty containers and solid material as construction waste.

Special information

The reliability of this data is based on laboratory tests and practical experience and is valid on the date that is specified in the technical specifications.

The quality of the material is provided by a brand quality system that meets the requirements of the international standard ISO 9001.

Application, performance of work when using the product should be carried out in accordance with the current regulatory documentation, for example, on the territory of Ukraine: DSTU-N B V.2.6-212, DSTU-N B A.3.1-23.

The manufacturer cannot be held liable for damage caused by violation of the product application rules which are indicated in the technical specification issued or when it is used for the wrong purpose.

With the release of a new edition, this document loses its force.

The information contained in the technical card provides basic data relating to the application of the product and does not release from the obligation of performance of works in accordance with building codes and safety regulations. Since the issuance of this technical card, all previous ones have been cancelled. The current technical documentation of the product is available on drive.polimin.ua or polimin.ua in the relevant language section.

07.31.2018