

## ANSERCOLL PUR 10

**PRODUCT**

Polyurethane adhesive based on one ingredient cross-linking with air moisture.

**APPLICATION**

Intended for gluing green and seasoned wood and gluing parquet. It is suitable also for gluing metal, rubber, hard polyurethane foams, polyester and phenol foams, mineral fibres, textile materials, concrete, tar paper etc. It can be used in production of sandwich panels of porous materials (eg. wood) containing moisture.

**PROPERTIES**

- While cross-linking adhesive froths filling free spaces.
- Hardened joint is resistant to fats, alcohols, detergents, dyes solvents.
- Hardened joint is resistant to water (highest resistance class D4).

**TECHNICAL DATA**

No.	Examined property		Requirements
1.	Colour of the adhesive		brown
2.	Colour of the joint		yellow
3.	Density		1,2 ± 0,02 g/cm <sup>3</sup>
4.	Application temperature		>10°C
5.	Applying	Gluing wooden fins Mini hooks	150÷230 g/m <sup>2</sup>
6.	Open time		ca. 10 minutes
7.	Pressing time		3-4 h
8.	Pressure	Soft wood	0.3-1.0 N/mm <sup>2</sup>
		Hard wood	0.8-1.2 N/mm <sup>2</sup>
9.	Wood humidity	Layer wood	9-18 %
		Solid wood for mini hooks	
10.	NCO content		15%
11.	Hardening time		approx. 1 ÷ 2h
12.	Viscosity		6 000 – 10000 mPa*s
13.	Solid bodies		100%
14.	Shear strength in 20°C		min. 8 MPa
15.	Shear strength in 80 °C		min. 8 MPa
16.	Shear strength in -15 °C		min. 8 MPa

**INDICATIONS FOR APPLICATION**

In case of small surfaces adhesive may be applied directly from original packaging with a brush or stopping knife. It can be also applied by a roller or spraying. While hardening adhesive froths and fills free spaces between elements glued. Tempo of the bonding reaction depends on air temperature and humidity. Operation in the temperature > 10°C in high air humidity guarantees hardening of the glue within one hour.

The joint attains initial durability after approx. 15 minutes, complete durability within 1-2 hours. After hardening, it becomes stiff, is very durable and resistant to water and organic solvents. Additionally, while

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*Our information is based on the laboratory and practical data. Due to the variety of materials, application methods and local conditions, on which we have no control, we do not take any guarantee – even with regard to the patent law.*

investigation susceptibility of the joint to temperature changes, no deterioration of quality was observed within the scope -15 to +80°C.

Repairs of locally raised parquet

Drill a small hole and squeeze in adequate amount of the adhesive under the parquet, close the hole and weigh down the parquet.

**STORAGE**

Adhesive is sensitive to moisture. It shall be stored in tightly closed, always full containers, protected against direct operation of the sun, in dry and aired locations. Once opened, a container shall be quickly used. Storage temperature + 10 to +25°C. Guaranteed shelf life - 12 months.

**PACKAGING**

Bottle 0,5kg; canister 5,5kg; barrel 240kg; container IBC 1200kg.