

Technical Data Sheet

PUR - TZ

Issue date: 2016.07.28

Revision date: 2016.08.03

Two-component solventless polyurethane adhesive

1. Purpose

PUR - TZ is designed for bonding artificial grass carpets on to the seam jointing tapes. The glue might be used in the indoor and outdoor environment. After curing it gives tough and flexible joint.

2. Physical and chemical properties

	PUR - TZ A (polyol component)	PUR - TZ B (isocyanate component)
Form	green paste	brown liquid
Viscosity at 25°C [mPas]	thixotropic	60 - 180
Density at 25°C [g/cm ³]	1.4 – 1.6	1,18 - 1,22

3. Technological properties*

The curing of the adhesive is caused by the chemical reaction of PUR - TZ A component and PUR - TZ B component, so it is necessary to mix both components thoroughly in proper ratio. The mass ratio of components A:B is equal 5:1.

Technological times of adhesive in different temperatures:

	2°C	10°C	20°C
Potlife [min] time for spreading glue on the jointing tape	80	60	30
Open time [min] time for connection grass carpets with jointing tape	240	120	60
Initial curing time [h] time after that the strength of the joint exceeds the strength of the glued materials	48	16	7

4. Instruction for use

Both components packages contains the required amount of the product – in accordance with the proper mixing ratio. The B component should be poured into the bucket with A component and mixed thoroughly with mechanical mixer for at least 3 minutes. The mixture should be spread on the jointing tape by the notched trowel. The grass carpet should be lay down on the glue and after that it should be pressed. The jointing tape should be placed centrally relatively to the seam. The recommended consumption of the glue should be at least 0,3 kg for 1 meter of the 30cm width tape.

The glue is available in packages:

- 16 kg A + 3,2 kg B
- 8 kg A + 1,6 kg B

The grass carpet and jointing tape should not be wet, but might be humid.

5. Processing conditions

Processing temperature range:	5 – 30 °C
Tolerance of the mixing ratio of components	±5 %
Expiration date for use	12 months
The time to reach full strength of the joint	7 days
In case of using glue in the temperature under 5°C the time of hardening of the joint is prolonged and the viscosity of components is much higher.	

6. Application safety

PUR - TZ A is not classified as hazardous substance. PUR - TZ B is harmful substance. It is necessary to be familiarized with the product Safety Data Sheet before use. Standard protective clothing should be wear during the adhesive application. Fresh contaminations should be washed out with Pursan ACT solvent. Cured adhesive can be removed mechanically.

*Notes

Data presented in this information have been obtained in model conditions. The results obtained when operating in other conditions can be slightly different from published.

Every time the user is obliged to check the product and auxiliary agents usefulness for his intentional use. The user is obligated to have a valid safety data sheet of the product, which is provided by the manufacturer during the sale and everytime on the customer's request. Prior to processing the user must carefully read aforementioned documentation and follow the rules of procedure for product use.