

INDUSTRIAL FLOORING

DATA SHEET

TECHNOSEAL 600 PU

A single-component polyurethane sealant with high elastic modulus.

CHARACTERISTICS AND USE

TECHNOSEAL 600 PU is a thixotropic single-component polyurethane sealant with high elastic modulus, especially formulated to seal contraction joints on concrete flooring and cracks and lay floor-wall strips. TECHNOSEAL 600 PU ensures excellent adhesion to the majority of laying surfaces used in the building trade.

PREPARATION OF THE LAYING SURFACE

Remove all traces of oil, grease, dust or humidity from the deck. An appropriate primer is recommended to improve the compactness of the deck and adhesion of the material.

APPLICATION METHOD

Remove all traces of dust and clean the joint thoroughly then apply a coating of primer if necessary. Use a gun to extrude TECHNOSEAL 600 PU into the joint housing ensuring that the product adheres completely to the walls of the joint. In the case of horizontal joints on concrete laying surfaces, lay tape on the left and right of the joint to mark off the same then apply the sealant and smooth the surface with a smooth metal spatula. Remove the tape after application and before the product has hardened.

Characteristics of the liquid product		Drying or hardening at 23°C and R.H. of 50%	
Specific weight	1,30 ± 0,1 Kg/dm ³	To touch	Approx. 90 min
Appearance	pigmented thixotropic paste	Polymerised thickness:	≥ 2,5 mm after 24 hours
Characteristics of the dry product		Storage instructions	
Elastic modulus (100% of elongation)	0,7 ± 0,1 N/mm ²	Storage temperature	MIN. 10°C - MAX 30°C
Elongation at break (after 28 days)	400 ± 50 %	Stability in original drums	12 months
Shore A Hardness (after 28 days)	Approx. 40	Packaging	600 ml bag 20 bag boxes
		Colours available	Grey
Tooling	Thinner	Type of thinner	Cleaning method
Appropriate extruder	ready to use	-	DIL S1
Consumption			
joint cross-section (mm)	coverage (ml/linear metre)		
10 x 10	100		
20 x 10	200		
30 x 10	300		
40 x 10	400		

IMPORTANT INSTRUCTIONS

When applying the product, the environmental and deck temperature must be between 5°C and 35°C and at least 3°C above dew point. TECHNOSEAL 600 PU must not come into contact with substances that react with isocyanates (e.g. alcohols, amines, water) since these negatively affect hardening.

REGULATIONS (According to EEC regulations)

Symbols:

HARMFUL

Risks:

READ THE SAFETY RECOMMENDATIONS OF EACH COMPONENT

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