

PRODUCT INFORMATION

Insulating Glass Sealant PS 200



Solvent free two-component polysulphide that cures at room temperature to an elastic rubber, providing a tough, flexible secondary sealant for insulating glass units

TECHNICAL DATA

Base	A-component: Polysulphide B-component: Manganese dioxide		
Mixed colour	Anthracite		
Consistency	Paste		
Mix ratio	A-component : B-component = 10 : 1		
- by volume:	A-component : B-component = 10 : 0,92		
- by weight:			
Density			
A-component	approx. 1,85	g/cm ³	23 °C
B-component	approx. 1,70	g/cm ³	
Pot life	approx. 45	min	23 °C
Peel resistance	> 4	N/mm	Kö test method 100086
Tear resistance	> 0,8	N/mm ²	Kö test method 100075
Hardness Shore A	≥ 38		EN 1279.6, annex E and Kö-Norm 100039 at standard climate 23/50
Adhesion floatglass	0,36	N/mm ²	EN 1279.4, annex A
Water vapour transmission rate	< 9	g/m ² •d	EN 1279.4
Gas permeation (Ar)	< 0,006	g/m ² •h	EN 1279.4
Volatile content	< 1	%	EN 1279.6, annex G
Fogging	Without visual fogging		EN 1279.6, annex C

PROCESSING

Processing time

The processing time can differ from the value measured under laboratory conditions depending on the storage and processing conditions

Processing temperature

Higher temperatures shorten the cure time, lower temperatures extend processing time. It is important that the **PS 200** A+B components are above +15 °C when used. This is especially important in winter or where drums have been stored in cold conditions.

Preparation

All surfaces to be bonded must be dry, clean and free of any traces of dust and grease. Glass washing machines giving a residue free surface should be used. If these are not available we recommend the use of **Körasolv GL**.

Preparing the mixture

When using an automatic mixer ensure the mix ratio is correct. The mix ratio by volume is 10:1. The mixed product must be applied within the indicated pot life. At a higher temperature the pot life is shorter. Prepare only the amount that can be applied within this period of time.

Mixing tolerance: ± 20 %

Adhesion

PS 200 has excellent adhesion to glass, aluminium and galvanised steel.

It is self adherent, provided that the surfaces are absolutely clean, especially free from dust and grease.

SPECIAL NOTES

Storage

Store cool, dry and in unopened containers.
Shelf life 9 months.

INSULATING GLASS SEALANT PS 200

SAFETY

Please read our Safety Data Sheet and the labels of each product before use.

Pay particular attention to the directions given in the Dangerous Substance Regulations.

Make sure the Safety Data Sheet is readily available as it gives valuable information regarding the safe usage and disposal of the product and what to do in the events of an accident involving the product.

PACKAGING UNITS

A-component: drums of 190 l
B-component: hobbocks of 19 l
drums of 190 l

For safety related data please refer to the safety data sheet!

Please note: All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influence and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This Product information replaces all previous issues.



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