

IGK 330 - Polysulfide-Secondary Seal



Characteristics:

IGK 330 is a solvent-free, 2-component sealant and adhesive on basis of polysulfide that has been especially developed for sealing and joining of double glazing units.

Application:

IGK 330 can be applied with all standard (semi) robotic 2-component mixing and dispensing machines. The mixing ratio is 10 : 1 by volume or 100 : 8.3 by weight.

Adhesion-surfaces must be clean, dry, free of grease and oil. IGK 330 adheres to all standard surfaces in the double glazing industry. As prescribed by the EN 1279/GMI, the materials used in production must be checked every day as a matter of principle, as the spacerbar quality may fluctuate. In case of questions, do not hesitate to get in touch with our technical application department.

Standard packaging: Base component: 200 litre drum
Hardener component: 20 litre or 200 litre drum
Other packaging sizes on request.

Storage: In closed original drums can be stored up to 9 months at +15°C to +25°C. Do not allow to heat up to more than +40°C or cool below +10°C. Do not store outdoors.
Protect from dampness, frost and direct sunlight.

Transport: IGK 330 part A and B are no dangerous goods.

Disposal considerations (*see also safety data sheet*):

According to European Waste Catalogue:

IGK 330 component A: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
IGK 330 component B: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
IGK 330 mixed A + B: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances resp. in arrangement with the disposer if mixed with glass. No dangerous good, i.e. not subject to classification

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Technical Data (measured at 23°C):

Hardening:

Polycondensation

Pot life:

20 - 80 min (mixing temperature 30°C)

Raw material basis:

Polysulfide

Surface dry after:

25 min – 1½ h (depending on curing type used)

Colour:

Base component : grey
Hardener component : black
Mixture : anthracite

Shore-A hardness (DIN 53505/ISO 868):

Shore A after (depending on curing type used)
3 h : 30 - 54
24 h : 36 - 60
final hardness : 44 - 64

Solid matter content:

100% solvent-free

Tensile shear resistance (DIN EN 1279-4):

> 0.7 N/mm²

Consistency:

Base component : pasty
Hardener component : pasty

Peel strength:

> 2.4 N/mm

Density (DIN 53479):

Base component : 1.8 ± 0.1 g/ml.
Hardener component : 1.5 ± 0.1 g/ml.

Elastic restoring capacity:

> 90%

Mixing ratio:

By volume : 100 : 10
By weight : 100 : 8,3
Mixing tolerance : ± 15 %

Application temperature:

+15 to + 30°C

Safety instructions:

Please note the information in the material safety data sheet!

The information given above is based on accurate laboratory results and experience over many years at IGK. During the application of IGK products please adhere to the relevant processing instructions. We recommend you implement your own tests in accordance with EN1279 and/or other Quality management systems in order to ensure the best overall results. Failure to follow these recommendations may cause damage for which IGK is not responsible.

IGK 330 is manufactured in accordance with quality guidelines DIN EN ISO 9001 and 14001