

Technical Information Sheet



Rhepanol contact adhesive 50

Delivery form	Item Number
container 4.5 kg Rhepanol contact adhesive 50	17 30 030
container 12 kg Rhepanol contact adhesive 50	17 30 020

Description

Rhepanol contact adhesive 50 is a solvent-based adhesive based on synthetic rubber, which, due to its special formulation, is particularly well suited for contact bonding of Rhepanol roofing membranes to various substrates. It has excellent properties in terms of elasticity, heat resistance, aging resistance, open time and adhesive strength.

Contact adhesive for bonding Rhepanol roofing membranes to parapets, skylight domes, eaves flashing or other penetrations using the contact bonding method on substrates such as concrete, wood materials, GRP (polyester), steel, etc.

Application and processing

The substrates must be dry, even, firm, clean and free of dust, cracks and grease. The adhesive is applied evenly to both sides, avoiding patches of adhesive. After the adhesive has been applied, a sufficient flash-off time (usually 5-20 minutes) must be observed. The adhesive film must still feel sticky but no longer moist when the finger test is carried out. The parts to be bonded must be joined precisely and pressed on briefly with firm pressure e.g. using a pressure roller. In most cases, the immediate good bond strength is sufficient for immediate further processing of the bonded parts. The final strength can only be assessed after 48 hours.

Consumption

Approx. 500 g/m² (250 g/m² per side)

Properties

Technical data	Declared value
Color	light green, transparent
Raw material basis:	elastic rubber
Density	0.88 g/cm ³
Viscosity:	approx. 3,000 mPas
Adhesive application	both sides with brush or felt roller
	approx. 5-20 minutes
Flash-off time:	The flash-off time depends largely on the amount applied, the substrates and the ambient conditions.
Open time:	approx. 60 minutes
Application temperature	optimal at 15 °C to 25 °C; do not use below +5 °C

Storage

Optimal at 15 °C to 25 °C; do not use below +5 °C

Shelf life

2 years at room temperature in the unopened original container.

Packaging and disposal

Tinplate container with Clamping ring cover Contents 4.5 kg or 12 kg (see safety data sheet).

Waste code number unused product: 080409

Waste code number uncleaned packaging: 150110

Precautions and occupational safety

See safety data sheet.

Transport

Information on transport labeling can be found in section 14 of the safety data sheet.

Please note: As our products are constantly evolving, please contact our technical department or visit www.fdt.de for the latest information on our products.

Legal Notice:

We refer emphatically to the fact, that all details mentioned, especially the application and utilization recommendation for the products and their system accessories, have been developed under normal conditions, and based on our knowledge and experience. Appropriate storage and usage of the products are assumed. A warranty or reliability of a finished project cannot be deduced because of varying materials, substrates and differing work conditions, neither by any indications nor from verbal statements, irrespective of any legal positions. For the possible accusation that FDT acted intentionally or grossly negligent, the user has to supply evidence that they provided FDT with all information and details necessary for an appropriate and correct evaluation through FDT in written form, immediately available and complete. The user is responsible for ensuring that the products are suitable for the given application. It is FDT's right to change product specifications without notice. Property rights of third parties are to be considered. In addition, our particular sales and delivery terms are valid. The latest version of our product data sheet is obligatory, which can be requested directly through FDT. All information as well as all technical and drawing data comply with current technical standards and are based on our experience. National standards and regulations must be observed.

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