PERFORM Adhesive



Fast flash

Product description and application

PERFORM Adhesive belongs to the new generation of MS-polymer joint fillers, which combines the best characteristics from silicone and polyurethane joint fillers. The joint filler hardens by a reaction to the humidity in the air and creates an elastic joint, which can assimilate movement up to \pm 20%.

The PERFORM Adhesive is completely non-odorous, neutral and fast hardening, can be coated with paint and has an excellent resistance against climatic influences.

The PERFORM Adhesive can be used for joints of PERFORM - flexible roof flashing material, and in the space frame-, shipping- and container industry, where a hard resistant glueing process / joint is necessary The PERFORM Adhesive is furthermore well suited for joints in wooden and concrete flooring.

Physical / chemical data:

Joint filler:

Туре:	MS-hybrid polymer, 1-component				
Fungicidal treated:	No				
Consistency:	Pasty, thixotropical mass				
Density:	Approx. 1.5 kg/litre				
Durability:	Minimum 1 year in non-opened packaging stored dry and cool.				
Packaging:					

Product no.	Colour	Size	TUN-no.
2880 59 529	Black	290 ml cartridge	5776913
2880 59 532	Grey	290 ml cartridge	5776914
2880 59 534	Red	290 ml cartridge	5050684
2880 59 531	Anthracite gray	290 ml cartridge	
2880 59 536	Tile red	290 ml cartridge	

Soften joint filler:

Possible to paint coat:	Yes
Hardness:	Approx. 40 Shore A
Bursting stress:	Approx. 1.7 N/mm ²
Modules of elasticity:	Approx. 0.6 N/mm ²
Elasticity:	+/- 20%
Elastically decline:	Approx. 60%
Resistance:	Temperature: approx40°C to +90°C
	Climatic ageing: good
	Good resistance against water, sea water, aliphatic solutions, oil, grease and thinned inorganic chemistry. Not resistant to concentrated acids and chlorinated organic solutions.

Instructions Preparing the material: The sides for joining must be clean, dry, free from mould release, fatty substance, dust and loose particles. PERFORM Adhesive is useable without use of primer on surfaces such as glass, most metals, most painted surfaces as well as most plastic types. For optimal bonding it is recommended to use PERFORM Primer 20 on dense surfaces such as stainless steel, plexiglass or PERFORM Primer 21 on porous surfaces like brick, concrete, wood and similar. PERFORM Adhesive fastens on moist areas - testing is recommended. Since in practice variations of each material may occur, there should always be several test adhesions before starting - specially major - jobs. It is recommended to use cover tape, which can be removed immediately after applying the joint mass. Application temperature: Application can take place at temperatures from $+5^{\circ}$ C to $+40^{\circ}$ C. The crest of the cartridge is cut off with a sharp knife, and then the tip is cut Application: at an angle, which is a little smaller than the joint's width. The joint filler is applied by use of a hand or compressed air pistol. 3 mm per 24 hours at 23 oC and 50% RF. Hardening: 10 mm per week at 23 oC and 50% RF. The joint mass hardens slower at lower temperature and lower humidity. After-treatment: After hardening PERFORM Adhesive can be painted with most types of paint. However, due to the many different products on the market we recommend to make tests, especially when using a slow drying alkyd paint/lacquer. For optimal fastening it is recommended to clean the joint with rubbing alcohol immediately before painting, especially if there has been a period between ioining and the time for the paint job to begin. After hardening it is possible to grind the joint mass. Cleaning: The tool is cleaned - and the joint mass removed - with for instance benzine or turpentine. Hard joint filler can only be removed mechanically. Hands and skin is washed with water and soap.

Safety

Health hazard category:NoneFire hazard category:NoneFor further information about safety we refer to the product's safety data sheet.

Our information is based on Dana Lim A/S's comprehensive laboratory experiment, which intends to help the user finding the best possible product and working method. Since the user's working conditions are out side our control, we cannot take responsibility for the results, which are achieved by application of the product. The information in this product information sheet is directive typical values, and is therefore not product specifications. We additionally make reference to our regular sales and delivery conditions.