

PERFORM adhesive

Technical data sheet

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 +/- 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 and resistant glueing/joint is necessary. The PERFORM Adhesive is furthermore well suited for joints in wooden and concrete flooring.



Physical / chemical data

Joint filler:

| | |
|--------------------|--|
| Type | 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 |
|-------------|-----------------|---------------|
| 2880 59 529 | Black | 290 ml patron |
| 2880 59 532 | Grey | 290 ml patron |
| 2880 59 534 | Red | 290 ml patron |
| 2880 59 531 | Anthracite grey | 290 ml patron |
| 2880 59 536 | Tile red | 290 ml patron |

Softened 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 % |
| Elastic retraction | Approx. 60 % |
| Resistance | Temperature: Approx. -40 °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. |

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| Instructions | |
|-------------------------|--|
| Preparing the material | <p>The sides for joining must be clean, dry, free from mould release, fatty substances, 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 and plexiglass or PERFORM Primer 21 on porous surfaces like brick, concrete, wood and similar. PERFORM Adhesive fastens on moist areas - testing is recommended.</p> <p>Since in practice variations of each material may occur, there should always be several test adhesions before starting - especially major - jobs. It is recommended to use cover tape, which can be removed immediately after applying the joint mass.</p> |
| Application temperature | Application can take place at temperatures from +5 °C to +40 °C. |
| Application | The crest of the cartridge is cut off with a sharp knife, and then the tip is cut 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. |
| Hardening | 3 mm per 24 hours at 23 °C and 50 % RF 10 mm per 24 hours at 23 °C 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 by wiping it with alcohol immediately before painting, especially if there has been a period between joining 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 | None |
| Fire hazard category | None |
| For further information about safety we refer to the product's safety data sheet. | |