

Product technical data

FRS-4000 ROOF COATING

1 .Product Description:

Silicone elastic waterproof coating is solvent-free, non-corrosive, has high elongation and strong waterproof function. It is a product specially developed for exposed roofs of buildings. This product has chemical properties such as high and low temperature resistance, UV resistance, acid and alkali resistance, oil and water resistance, electrical insulation, excellent adhesion and compatibility, and easy maintenance, making it one of the best outdoor waterproof and weather-resistant products at present.

Ingredient	Single component
Intensity	Medium intensity
Viscosity	55000
Curing mechanism	Moisture curing
Use	Flat seal waterproof

2 .Typical use:

- ① Building roof waterproofing;
- ② Suitable for surface waterproofing of building walls, underground spaces, and color steel tiles.

3 .Performance parameters before curing:

Chemical type	Silicone
colour	White/gray
density	1.21 ± 0.05g/cm ³
Viscosity (25℃ mpa.s)	oily
Full solidification time	≈48hours
Surface drying time	≈30minutes

4 .Performance parameters after curing:

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Tensile strength (N/mm ²)	1.1 ~ 1.2
Sealing time	Instant sealing
Hardness (Shore)	≈42
elongation	> 200
Benzene content	无
Toluene and xylene	无
Pull-off force (steel plate sample), MPa	0.6,100%A/B

5 .Curing characteristics :

FRS-4000 solidifies primarily by reacting with atmospheric moisture. Cured in place at room temperature, easy to use. Not corrosive to metal.

6 .How to use:

- ① Base layer treatment: The surface of the base layer must be clean and solid, and no sand, floating dust, etc. are allowed;
- ② Seam treatment: If there are cracks of more than 3mm on the surface, MS sealant should be filled, and then the coating should be applied after the glue dries;
- ③ Construction method: If you need to add thinner before using the paint, the reference ratio of paint to thinner is 10:4. The construction can be carried out by scraping, rolling or spraying. Generally, it is applied twice. The total thickness of the coating film is 1.5~2mm, and the painting interval is 4~12 hours, depending on the ambient temperature;
- ④ The recommended dosage is greater than 1.5~1.6kg/m².

7 .Storage conditions:

- ① The warehouse where the paint is stored must be located in a cool, ventilated and dry place greater than 0°C;
- ② After opening, the product needs to be sealed and stored and used in a

short time as much as possible;

- ③ Keep away from children.

8. 8. Precautions

① Pinholes and bottom should not appear in the coating. If the above problems occur, the defective areas can be repainted;

② Before the coating is completely cured, please do not perform other construction that may damage the coating;

- ③ Please seal the inner packaging of unused paint to prevent it from curing;

④ If the paint accidentally gets into your eyes, please rinse with clean water immediately and seek medical treatment immediately.

9. Description:

All data contained herein are for informational purposes only and are believed to be reliable. Our company is not responsible for the results of anyone using methods beyond our control. It is the user's own responsibility to decide which production method to use this product on and which measures to take to prevent possible loss and personal injury during storage and use of the product. If you have any questions, please contact the company's technical department.

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