

Weberdry™ 402 **WEATHERING WATER-BASED RUBBER WATERPROOF** **COATING**

DESCRIPTION

This product is a water-based coating specially used for roof exposed waterproofing, which is made of rubber emulsion as the base material, together with high grade resin emulsion, additives and fillers. Weberdry 402 has excellent extensibility, UV resistance, water resistance, acid and alkali resistance. It can be used immediately after opening the barrel, and can be exposed directly after construction, without protection layer. It is especially suitable for waterproof and renovation works on roof.

Packing

20kg/pail

RECOMMAND USAGE

2.0kg/m² for 1mm thick film.

PRODUCT FEATURES

- As a single-component product, it can be used immediately after opening, and can be painted with stick, brush and spray.
- It has excellent ultraviolet aging resistance, high and low temperature resistance, strong weather resistance and long service life.
- With excellent adhesion, it can realize long-term adhesion of various base surfaces and form a seamless overall waterproof layer.
- The coating film has excellent elasticity and can effectively resist the shrinkage, deformation and cracking of the base layer.

APPLICATIONS

It is applicable to waterproof treatment and repair works of various roofs, ceilings, exterior walls, etc.

CONSTRUCTION PROCEDURES

- 01** The base layer must be solid, flat, free of open water, floating ash and oil, and the internal and external corners shall be made into arc corners. When the metal roof is rusted or seriously damaged, the damaged base must be repaired, and special rust conversion treatment agent shall be used for rust removal.
- 02** The pipe orifice, gutter, eave gutter, internal and external corner nodes within the construction scope shall be pre-coated and sealed, and the reinforcement.
- 03** Uniformly construct 2- 3 times according to the "cross" method, and the film thickness of each time should be 0.5mm, not too thick. At the interval of each pass, the previous coat is dry and not sticky, and the next coat must be perpendicular to the direction of the previous coat to achieve the uniform and consistent effect of the coating.
- 04** After several times of coating, the average thickness of the coating film shall not be less than 1.5 mm, or meet the engineering design requirements. The complete dry setting time of the coating film is about 2 -3 days at normal temperature, and the dry setting time will be prolonged in an unventilated or humid environment.
- 05** In winter, the drying time should be extended before the closed water test.



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PRECAUTIONS

- The temperature during construction shall be 5 ° C-35 ° C, no outdoor construction in windy or rainy and snowy days; it is not suitable to construct in a particularly humid and unventilated environment, otherwise the film forming effect will be affected.
- Do not add water or diluent, otherwise the product performance will be affected.

TRANSPORTATION & STORAGE

- The product is non-flammable nor explosive material, and can be transported as general cargo. During transportation, it should be protected from freezing, rain, solarization, extrusion and collision, and the packaging should be kept intact.
- The product should be kept in dry and cool place at 5° C-35° C to avoid the sun and rain.
- Under normal storage and transportation conditions, the shelf life of the product is 12 months from the date of production.

Key parameters

No.	ITEM	INDEX	TEST METHOD
1	Solid content/%	≥60	Q/SDK S107-2022
2	Tensile strength/Mpa	≥ 2.5	ASTM D412
3	Elongation at break/%	≥ 1000	ASTM D412
4	Tearing strength /(N/mm)	≥ 20.3	ASTM D624
5	Impermeability	< 0.02g/(m².h)	ASTM E96/E96M
6	Artificial weatheringaging(720h)	80	Q/SDK S107-2022
7		Passed	ASTM C836