

## Flexible white reflective waterproof coating

### PRODUCT

**weberpas deco 322** is a heavy duty flexible acrylic elastomeric waterproofing coating derived from specialty polymer compounds. When applied, it forms a tough, highly flexible, seamless, durable elastomeric membrane for the protection of different kind of roofs and substrates.

High reflectivity combined with excellent weather ability, UV resistance and strong adhesion make **weberpas deco 322** an effective coating for providing long term reflectivity over a wide range of substrates.

### PROPERTIES

- High tensile strength and elongation
- Heavy duty
- Excellent adhesion to substrate
- Resistance to aging and UV radiation
- Solar and heat reflective
- High water vapor permeability
- Withstands temperature from - 5°C to +110°C
- White color
- Single component easy to apply
- Accepts light foot traffic
- Non flammable and non toxic

### ASSOCIATED PRODUCTS

**weber band**



### SCOPE OF USE

**weberpas deco 322** is suitable for the waterproofing and protection of different types of roofs and substrates such as concrete, metal and wood. The application substrate may be horizontal, inclined or having irregular shape.

The properties of **weberpas deco 322** will be significantly enhanced by the incorporation of suitable reinforcement, like weber band.

### CHARACTERISTICS

PROPERTY	RESULT	TEST METHOD
Tensile strength (N/cm <sup>2</sup> )	800	ASTM D 2370
Elongation at break %	580	ASTM D 2370
Flexibility	No cracking of film when aged over 10 years of weathering condition and flexed 180 degrees.	ASTM D 522
Solid content %	62 (+/-1)	ASTM D 1644 ASTM C 1250
Adhesion to substrate (N/cm <sup>2</sup> )	90	ASTM C 794 ASTM C 903 ASTM D 4541
Density kg /L	1.23 (± 0.05)	ASTM D 1475
Hardness shore A	78	ASTM D 2240
Crack bridging test ,mm	3.05	ASTM C 836
Water vapor permeability (gm/m <sup>2</sup> .24hrs)	14.65	ASTM D 1653 ASTM E 96/95

## CHARACTERISTICS

PROPERTY	RESULT	TEST METHOD
UV resistance at 10,000 hrs	No cracking, deterioration or color fade	ASTM D 4798 ASTM G 53/93
Curing time at 25°C	Approx. 48 hrs	
Minimum application temperature	+ 5°C	
Service temperature	Approx. -5°C to +110°C	

## APPLICABLE STANDARDS

**weberpas deco 322** is formulated as per ASTM standards and meets ASTM D 6083 specification requirements.

## INSTRUCTIONS FOR USE

### SUBSTRATE PREPARATION

Substrate (concrete, metal, wooden roofs, tiles,...) must be clean, sound and free from greasy matters and dust. Repair if damaged and remove all traces of paint, mould or oil which may affect the adhesion. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred.

### PRODUCT APPLICATION

Apply in two coats, each at an approximate rate of 0.8 kg/sqm, to provide a total of about 2 kg/m<sup>2</sup> (including the priming coat) **weberpas deco 322** can be applied using a brush, roller, squeegee or airless spray equipment. The suitable method may be chosen depending on site conditions.

### APPLICATION OF FIRST COAT (PRIMING COAT)

If not diluted before, the first coat of **weberpas deco 322** should be diluted with 20% of clean fresh water to act as a priming coat. Ask Technical Department in case of questions. For metal surfaces, dilute it with 30%, to have minimum thickness.

### APPLICATION OF SECOND COAT

All corners, patched areas or construction joints should receive mesh reinforcement, like weber.sys band, between the 1st and 2nd layer of **weberpas deco 322**.

Between 1st and 2nd layer of **weberpas deco 322**, wait for 24 hours (at 25°C temperature and 65% RH)

Note: Ensure that the curing is complete, prior to the laying of thermal insulation boards, mechanical protections and other coverings (when needed).

## COVERAGE

Application at a rate of 1 kg per sqm will provide 500 micron dry film thickness.

## STORAGE

One year after manufacturing date in its original packing non open, protected from frost and heat.

## SAFETY PRECAUTIONS

Avoid prolonged contact with skin. Wear protective gear for hands and eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

## DISCLAIMER

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