

Time Sealerin

TA-11002

Description

Water-based paint, manufactured based on acrylic emulsion preparations, designed for interior uses.

Recommended Use

It is used as a basis on concrete, cement, gypsum, and clay brick surfaces in interior applications, to give an integrated system characterized by strong adhesion and high durability.

Characteristics

- Good adhesion properties with surfaces
- High durability
- Good properties of penetration through pores and adhesion to surfaces
- Alkali resistance strength

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Physical Constants

Specific gravity	1.38 at 25°C	ASTM D-1475
Viscosity	100 Cres units at 25°C	ASTM D-562
Solid size	31%	ASTM D-2697
Layer thickness	The suggested thickness of the dry layer is 40 microns	-
Diffusion rate	The theoretical diffusion rate is 7.75 m ² /L, at a dry layer thickness of 40 microns.	-
Bleeding point	250 microns	ASTM D-4400
Water resistance	Pass, 7 days	ASTM D-870
Alkali resistance	Pass, 7 days (1% solution)	ASTM D-1308
Salt resistance	Pass, 7 days (1.5% solution)	ASTM -1308
Adhesion strength	Pass	ASTM D-3359
Flexibility	Pass, 3 courses	ASTM D-522
Antifreeze stability	Pass, 3 cycles	ASTM D-2243
Heat stability	Pass, 49 days at 50°C	-
Appearance and color	Matte, produced in white	-

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Surface Preparation

Surface preparation:

- For new concrete, cement and clay brick surfaces.
- All new surfaces need a period of time of no less than 28 days to dry.
- Excess sanding dust on the surface must be removed using a cloth or compressed air.

For previously painted surfaces:

- Remove old paint if it is peeling or peeling.
- Ensure that the surface is free of capers, oils, grease, dust and impurities.
- Filling cracks and small holes with a suitable filler.

Application Tools

- **Spray gun:** Suggested nozzle size: (1.5 – 1.8) mm
- **Roller:** Suggested type: Soft wool roller
- **Brush:** the good and appropriate type

Thinner

Recommended Thinner is "Tap Water".

Thinning Ratio

(15-25)% by volume, when using a spray gun in the application

(10-15)% by volume, when using a roller and brush

It depends on the weather conditions when used

Painting System

Apply one layer of "Time Sealerin" primer and leave it until it dries completely.

Drying Time

- **Surface drying:** 30 minutes
- **Complete dryness:** two hours
- **Recoat Interval :** 4 hours (minimum)

Previous results based on ASTM 5895

Cleaning Tools

Tap Water

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Packing

- US Gallon.
- 25 KG. Drum.

Shelf Life & Storage

In sealed container: 12 months in dry, cool and well ventilated place.

Safety Precaution

- Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- Handle with care before and during use.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- Keep away from the reach of children.

For environmental safety : please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Disclaimer

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Al-Daman Building Materials Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Timepaints TSD, he should take his accountability in this connection.

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