



HAPPILAC WEATHERCEM

High Performance Single-Component Polymer Modified Cementitious paint.

Happilac Weathercem is a high-performance single-component polymer modified cementitious paint like micro-topping that can be brushed and sprayed on a variety of horizontal and vertical surfaces such as brick, concrete, cement, plaster and fiber board etc. It gives a decorative and protective cementitious topping that is resistant to dampness and water seeping.

Recommended For

Happilac Weathercem is suitable for use on interior and exterior walls ranging from residential to heavy commercial and industrial applications. It should not be used on Wood, Gypsum and Metallic Surfaces. Happilac Technical Department is always available to assist you in the correct use of our product.

Features

- Durable & long lasting
- No settling/separation after mixing with water
- Super adhesion
- Water permeable & breathable
- Exterior & interior application
- Single-component ready to use
- Excellent moisture & water resistant
- Self-priming & UV resistance

Available in **white** and **16 standard colors**

Limitations

- Curing may take a minimum of 3 days.
- During application, the second coat must be applied when the first coat becomes dry & hard.
- Do not apply if the temperature is likely to drop 7°C or rainfall is expected in the next 24 hours.
- Do not apply in direct sunlight or when the temperature exceeds 35 - 40°C under direct sunlight.

Technical Details

Form	Cementitious powder
Water demand	1:1 (depends on application method)
Bulk density (dry)	1.50 kg/litre
Bulk density (wet)	1.80 kg/litre
Dry film thickness	50-60 Microns
Drying Time	6-8 hours
Pot life	2 hours at 25°C
Coverage by brush	70 - 80m ² per 20 kg bag
Coverage by spray	90 - 100m ² per 20 kg bag



Surface Preparation

The surface should be sufficiently rigid and clean from any surface contamination that may prevent good adhesion. Any painted or coated surface should be sandblasted or pressure washed to remove existing coatings. Cracks should be corrected with a suitable crack filler.

Application

Application temperature should be between 20°C to 30°C. Always test a small area and ensure bonding ability and satisfaction of appearance before total application. Happilac Weathercem must be applied on the substrate and after application, it can be cured with water.

Brush Application:

A minimum of one part of Happilac Weathercem to one part water is needed for perfect application with brush. over dilution can cause spots in dark shades. 2 to 3 coats are recommended for better results.

Spray Application:

Happilac Weathercem can be sprayed using a gravity feed air spray gun, ideally having a 2 : 8 nozzle. For spray application, more dilution and more coats of Happilac Weathercem will be required in order to get full coverage.

Mixing:

Mixing should be done with a drill mounted jiffy-type mixer. Always add clean potable water first. Mixing duration should last for 2 to 3 minutes to ensure proper color and material dispersion within the mixture. Allow mixture to stand for 5 minutes and re-tamper. The water to powder mixing ratio depends on the method of application.

Available Packs and Storage

The product is supplied in powder/granule form packed in 20 kg sacks.

The product must be stored in a cool dry and well-ventilated place away from the source of heat and ignition. Keep the sack closed and handle it with care.

Health and Safety Notes

- When applying, take appropriate eyewear protection.
- In case of eye contact with the product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying.
- If swallowed, it may cause serious damage.
- When empty, don't use its sack for edible storage.
- Place out of reach of the children.
- In case of any emergency, undergo medical supervision as soon as possible.

CAUTION: Scrapping/sanding off previously cemented surfaces may release dust or fumes which is highly toxic; take protective measures thoroughly when rubbing off the old surfaces

The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.

