

Weathercem



Description

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 fiberboard etc. It gives a decorative and protective cementitious topping that is resistant to dampness and water seeping.

RECOMMENDED USE

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 in the correct use of the 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 resistance
- Self priming & UV resistant

LIMITATIONS

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

TECHNICAL AND APPLICATION DATA

Form	Cementitious Powder
Water Demand	1:1 (depends on application method)
Bulk Density (Dry)	1.50 kg/liter
Bulk Density (Wet)	1.80 kg/liter
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

NOTE: The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is updated prior to using the product.

SURFACE PREPARATION

Surface should be sufficiently rigid and clean from any surface contamination that may prevent good adhesion. Any painted or coating surface should be sandblasted or pressure washed to remove existing coatings. Cracks should be corrected with patching compound i.e. Happilac crack filler.

APPLICATION GUIDE

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 substrate and must be cured with water after application.

BRUSH APPLICATION: Generally, higher the amount of water, the more transparent the finish will be. A minimum of one part of Happilac Weathercem to one part water is needed for workability. Yet, over dilution can cause spots in dark shades. 2 to 3 coats are recommended for better protection.

SPRAY APPLICATION: Happilac Weathercem can be sprayed using a gravity feed air spray gun, ideally having a 2:8 nozzle.

WARNING: All personnel in area must be wearing an approved dust respirator while applying Happilac Weathercem by spray.

MIXING: Mixing should be done with 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 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 approximately 20 kg plastic sacks. The product must be stored in a cool, dry and well ventilated place away from sources of heat and ignition. Keep the sack closed and handle with care.

HEALTH & SAFETY

- When applying, use appropriate eye protection
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes
- Do not breathe spray mist or dust
- Ensure proper ventilation when applying
- If swallowed, serious damage may be caused
- When empty, do not use the sack for edible storage
- Place out of reach of children
- In case of any emergency, seek medical attention as soon as possible

WARNING: Scraping/sanding off previously painted surfaces may release hazardous dust or fumes which are 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.