

WPC WEATHERSHIELD

TECHNICAL DATA SHEET

Weathershield is a pure acrylic-based paint with non-added lead and mercury which is specially formulated for exterior walls. This premium exterior emulsion is formulated to provide at least 5 years' protection against fungus and algae growth, chalking and flaking.

Product Features:

- Durable against harsh weather
- Tougher resistance against dirt, fungus, algae, flaking and efflorescence
- Peel, flake, fade & chalk resistance
- UV protection for longer-lasting colours
- No added lead or mercury
- 5 years' protection

Paint Type	Water based
Product Type	Exterior
Finishing	Low Sheen
Recommended Substrate	Masonry, brick, plastering substrate and fibre board
Pack Size	5 Litre, 18 Litre

Technical Data

Property	Typical Results
Drying Time	Touch Dry : 15-30 minutes (Dependent on temperature and humidity) Hard Dry : 30-60 minutes (Dependent on temperature and humidity)
Recoating Time	2-3 hours (Dependent on temperature and humidity)
Dry Film Thickness	Around 30 µm per coat
No. of Coats	2 coats
Theoretical Coverage	10 – 12 m ² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	~ 38%
Shelf Life	Up to 36 months in tight sealed container



Composition

Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black and Organic Pigments and Mineral Extender
Binder	: Pure Acrylic Emulsion
Thinner	: Water

Application Method

Brush / Roller	: Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.
-----------------------	------------------------------------------------------------------------------------------------

Recommended Coating System

Sealer / Primer	: Maxcare 165 Acrylic Primer, U Acrylic Primer.
Top Coat	: Weathershield

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven Surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with WPC Exterior Wall Sealer.

Cleaning

Clean up equipment with water immediately after use.

Safety Precautions

- Keep container tightly closed and keep out of reach children
- Ensure good Ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.