TECHNICAL DATASHEET

WEATHERFLEX

Polycolor Weather flex is a versatile combination of high quality acrylic and silicon emulsion, it is used as a waterproofing & decorative coating for exterior walls of the buildings. It has excellent choice for flexibility, breathability, anti-carbonation effect with water & dust resistance, crack-bridging, weathering durability and an excellent resistance to the growth of micro-organisms.

PRODUCT BENEFITS

- **Anti-carbonation** - Effective carbon dioxide diffusion barrier protects embedded steel from corrosion} Waterproofing – Higher film thickness provides crack bridging ability, waterproofing properties
- **Flexibility** – Flexible and covers hairline cracks (>1.25mm) effectively, thus prevents ingress of water.
- **Breathability:** Allows moisture to escape from the building interior, preventing condensation and mold growth.
- **Toughness** – Tough film withstands wind driven rain.
- **Elastomeric** – High elasticity easily withstands stress caused by thermal expansion & contraction
- **Microbial resistance** – Resistance to fungus and algae hence maintains the aesthetic value} UV resistant – provides excellent color retention for a long-lasting attractive finish
- **Low dirt pick-up** – Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- **UV Resistance:** Protects against the harmful effects of UV rays, maintaining color and preventing fading.

PRODUCT FEATURES

Surface	Exterior
Available Pack	1 L, 5 L, and 20 L
Shelf-life	2 years from date of manufacture in original tightly closed containers. Keep away from direct sunlight and excessive heat.
Available Color	White & Pastel
Coverage	8-10m^2/L/2 coats
Drying time to touch	30 Minutes @ 25°C / Fast drying technology

SURFACE PREPARATION

- New masonry surfaces must be allowed to cure completely. It is recommended to allow **28 days as the curing time for new masonry surfaces.**
- Surface should be free from any loose paint, dust or grease. Growths of fungi, algae or moss should be removed by wire brushing, water, **Polycolor Fungicidal Treatment and Wash**.
  - In areas experiencing excessive dampness, underlying surface exhibits chalkiness.
  - In this scenario use **Polycolor Exterior Wall Primer** as first coat and apply one coat of **Terraco Handycoat Exterior** and again apply one more coat of **Polycolor Exterior Wall Primer.**
  - Apply 1st coat of **Polycolor Elastomeric Wall Primer**, and 2nd coat and 3rd coat of **Polycolor Weatherflex** on wall for superior results.

APPLICATION PROCESS

Method	:	Brush, Roller, Airless spray
Thinning with	:	Water
Dilution ratio	:	1st coat: (3:1) = Polycolor Elastomeric Wall Primer 2nd coat: (4:1) = Polycolor Weatherflex 3rd coat: (4:1) = Polycolor Weatherflex

NOTE: Dilution= (Paint: Water)

TECHNICAL DETAILS

Drying Time	:	30 to 60 mins (apply only in sunny conditions)
Recoat Application	:	After 4h
Finish	:	Silk matt, Smooth, and Uniform
Volume Solid	:	Above 50%
Stability of Thinned Paint	:	To be used within 24h

POST PAINTING CARE

- Do not apply when ambient temperature is less than 5ºC or if the temperature might drop to this level within 4h of application.
- Do not over-thin or over-extend the brush.

PRECAUTIONS

- For the best performance of the paint, at regular intervals of six months a proper washing and cleaning of all algae and fungal growth must be carried out, if any.

SAFETY FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool and dry place.
- Keep out of reach of children.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water channel.
- In case of spillage, contain it using sand or earth.
- No added Lead, Mercury or Chromium compounds.

DISCLAIMER
These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

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