TECHNICAL DATASHEET

POLYFLON ELASTOMERIC

Polycolor Polyflon Elastomeric is a high-flexibility exterior coating designed to withstand extreme climatic conditions. It offers excellent resistance to environmental factors while maintaining a semi-gloss finish that prevents dirt buildup. The coating is capable of bridging shrinkage cracks on concrete mortars. The system has a semi-gloss finish which is resistant to dirt pick-up and also allows water vapor to pass through the structure into the atmosphere, avoiding water ingress.

PRODUCT BENEFITS

- **Crack Bridging** – Effectively seals shrinkage cracks in concrete and mortar.
- **Water Vapor Permeability** – Allows moisture to escape while preventing water ingress.
- **Dirt Resistance** – Semi-gloss finish minimizes dirt buildup, keeping surfaces cleaner.
- **Durability** – Provides excellent resistance to extreme climatic conditions.
- **Quick Drying** – Touch dry in approximately 1h, with recoating possible after 2h.
- **Flexible Application** – Can be applied using roller, brush, or spray gun.

AREAS OF APPLICATION

- **Building Exteriors** – Ideal for walls, facades, and concrete surfaces exposed to humidity and dust.
- **Roof Coatings** – Helps protect roofs from water ingress while allowing moisture to escape.
- **Industrial Structures** – Used in factories and warehouses to enhance durability.
- **Bridges & Infrastructure** – Provides weather-resistant protection for concrete structures.
- **Coastal & Humid Regions** – Recommended for areas with high moisture levels to prevent degradation.

PRODUCT FEATURES

Surface	Exterior
Available Pack	1L, 5L and 20L
Colors	White and others as per POLYMATCH SYSTEM
Shelf life	2 years from date of manufacture in original tightly closed containers.
Coverage	11 m^2/L/coat on smooth finish
Coats	2
Finish	Semi-gloss
Touch dry	1h @ 25 – 35 °C
Over-coat	2h minimum and 24h maximum @ 25 – 35 °C
Crack Bridging	Up to 1 mm

SURFACE PREPARATION

- **Clean the Surface** – Wash the area with **high-pressure water** to remove dirt, dust, and contaminants.
- **Remove Old Coatings** – If the surface has **blisters or defects**, remove the old coating using **mechanical methods or paint remover**.
- **Treat Fungal Growth** – If fungi or algae are present, apply a **fungicidal wash**, let it react for **at least 2h**, then rinse with high-pressure water.
- **Apply a Primer** – Use a **thin coat of appropriate wall primer** to enhance adhesion and ensure a smooth base.
- **Seal Cracks** – For cracks larger than **1 mm**, use **acrylic or siliconized caulk** before applying the paint.
- **Ensure Drying** – Allow the surface to dry completely before applying Polyflon Elastomeric.

APPLICATION PROCESS

Method	:	Brush, Roller and Spray
Thinning	:	Water
Coats	:	2
Dilution	:	4:1= Brush and Roller 2:1= Spray

POST PAINTING CARE

- **Allow Full Drying** – Ensure the coating has fully cured before exposing it to moisture.
- **Gentle Cleaning** – Use a **soft cloth** or mild detergent to remove dirt without damaging the finish.
- **Avoid Harsh Chemicals** – Strong solvents can degrade the elastomeric properties.
- **Periodic Inspection** – Check for cracks or wear, especially in **high-exposure areas**.
- **Repainting Considerations** – If repainting is needed, use **compatible acrylic latex coatings**.
- **Moisture Management** – Prevent excessive water accumulation to maintain adhesion.

PRECAUTIONS

- Keep the filled area away from **water, humidity, and handling** for **24–48h** post-application.
- Store and dry the painted item in a **dust-free, ventilated area**.
- Ideal temperature: **20–30°C**
- Avoid applying on a substrate which temperature is more than **35ºC**.

SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- 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 courses.
- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

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.

Polytol Paints

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