

THERMOFLEX

Polycolor Thermoflex is top quality certified acrylic, special heat-insulation paint for external walls and roofs. It contains special **thermos-ceramic nanospheres** and in the composition which gives it thermal insulating properties. It contributes in saving energy in winter and summer and it helps to reduce up to 5°C temperature in the room. It creates a waterproof and elastic membrane, extremely resistant to external conditions.

PRODUCT BENEFITS

- **Waterproofing:** Resists positive hydrostatic pressure of up to 10 bars.
- **Crack-bridging:** Effectively bridges cracks up to 2.5 mm
- **Surface Temperature Reduction:** Provides surface temperature reduction up to 10°C
- **Special Additive:** Reinforced with fibers to improve mechanical properties and abrasion resistance.
- **Adhesion:** Excellent adhesion to substrates like concrete and masonry.
- **Durability:** Excellent resistance to water, UV rays and ageing.
- **Anti-fungal and Anti-algal:** Excellent anti-fungal and anti-algal properties.
- **Excellent Anti-Carbonation:** Acts as an effective barrier against carbon dioxide thus prolonging the life of the structure

PRODUCT FEATURES

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|----------------------|--|
| Surface | For Exterior use only |
| Available Pack | 1 L, 2L, 5L, and 20L |
| Shelf life | 2 years from date of manufacture in original tightly closed containers. Keep away from direct sunlight and excessive heat. |
| Available Color | White and pastel shades on requirement. |
| Coverage | Up to 12- 14 m ² /L/1 coat |
| Drying time to touch | 20 - 30 Minutes @ 25°C / Fast drying technology |

PRE-PAINTING STEPS

- **PLASTER** - New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces.
- **CLEANING** Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use intense wire brushing with **Polycolor Fungicidal Wash and Treatment** and high-speed water jet for thorough cleaning.
- **REPAIRING** The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated by using Polycolor Waterproofing Stucco Putty.
- **FILLING FOR CRACKS** For filling cracks up to 3mm use Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.

POST PAINTING CARE

For the best performance of the paint, ensure proper washing and cleaning of all algal and fungal

growth, if any, at regular intervals of six months.

TECHNICAL DETAILS

| | |
|-------------------------|-----------------------------|
| Form | Ready to use viscous liquid |
| Application temperature | 5°C to 35°C |
| Appearance | Viscous Liquid |
| Color | White |
| Water Resistance | 10 |

APPLICATION CONDITIONS

Do not apply at temperatures below 6°C and above 40°C and at relative humidity above 80%. Adverse conditions in the application can alter the final properties of product.

APPLICATION TOOLS

- Brush
- Roller
- During working keep tools in the "liquid" container. Drain well the tools before placing it back in the box and clean immediately with warm water and soap. If product dries, clean only with strong detergents. Do not empty washings into the groundwater.

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 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.

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.