



THERMOFLEX

PRODUCT DATA SHEET

A specialised coating for **THERMAL INSULATION** of residential, commercial, manufacturing and other buildings.

Reduces internal heat to provide a comfortable environment with the advantage of saving on electricity consumption.

Suitable for all types of surfaces commonly found in the building industry.

- Based on an Acrylic Copolymer Emulsion
- Available in white.

THERMOFLEX combines the latest state of the art technology to enable: -

- Low dirt retention
- Exceptional water resistance
- Tough elastic properties
- Temperature reduction by reflecting infrared and Ultra Violet rays.
- Excellent adhesion
- Alkali resistance
- Good resistance to ultraviolet light, algae, mould and fungus.

USAGE

- On inclined and vertical cement based concrete and plaster surfaces.
- On horizontal cement based concrete and plaster surfaces with adequate self-drainage system, which will allow NO POOLING of water.
- On other suitably prepared surfaces commonly used in the building industry.
- On new or old building structures.
- On bare or previously painted surfaces.
- For interior and exterior use.

PHYSICAL DATA

• Finish :	THERMOFLEX Matt
• Colour :	White
• Consistency :	Viscous Liquid
• Specific Gravity :	1.24 (approx.)
• Volume Solids :	45% (approx.)
• Flash Point :	Not applicable
• Shelf Life :	12 months
• Packing :	20 L, 5 L

Paints should be stirred before use and occasionally whilst in use.
Contact your supplier for further information

APPLICATION

- **Surface preparation:** Surfaces should be sound, clean and dry. All surface contamination should be removed before application can commence. Concrete and plaster as well as previously painted surfaces must be wire brushed followed by blasting with high pressure water to ensure removal of any loose particles. You may also refer to methods:-

<input type="checkbox"/> SP 001 for concrete and plaster.	<input type="checkbox"/> SP 002 for wood.	<input type="checkbox"/> SP 004 for galvanised steel.
-----------------------------------------------------------	-------------------------------------------	-------------------------------------------------------

- **Application method :**

SEALER

On masonry, wood and other porous surfaces, apply by brush, roller, or spray, one coat of **MAUVILITH SEALER** at the rate of approximately 8 m² of surface per litre of sealer. No dilution is required. Allow to dry over night.

Alternatively, apply one coat of **THERMOFLEX** diluted 10 – 15% with water to facilitate penetration into the surface.

INTERMEDIATE COAT

Apply by brush, roller, squeegee or spray, one even coat of undiluted **THERMOFLEX** at the rate of approximately 5 m² of surface per litre of coating. Allow at least 8 hours drying time.

FINAL COAT

Apply by brush, roller, squeegee or spray one or two coats of undiluted **THERMOFLEX** at the rate of approximately 5 m² of surface per litre of coating. Ensure complete coverage of the previous coat. Allow to dry over night.

IMPORTANT

- * It is absolutely essential to ensure that the preceding coat has dried completely before applying the next coat.
 - * Thinning down will reduce opacity.
 - * Do not apply during rainy or highly humid conditions.
 - * Do not use **THERMOFLEX** for permanent immersion in water.
 - * Do not use **THERMOFLEX** on horizontal roofs unless adequate self-drainage is available and permanently operational.
 - * New concrete should be allowed to age for at least 3 weeks before using **THERMOFLEX**.
 - * **When applying on tar or bituminous waterproofing compounds, it is advisable to check on a small surface whether the tar or bituminous compound do not stain THERMOFLEX before proceeding with the whole surface.**
- **Cleaning solvent:** Clean with water immediately after use. If necessary add some liquid detergent to warm water.

SAFETY

- Wear adequate protective equipment during application; remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

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.

Manufactured and Distributed by:

Mauvilac Industries Ltd

Pailles Road, Pailles, Republic of Mauritius

Tel: (230) 206 4700

Fax: (230) 286 5315

Feb 2006