



## MAUVIFLEX

### PRODUCT DATA SHEET

An elastomeric compound based on an acrylic copolymer emulsion that can be used both as a decorative paint and for water proofing purposes.

- Available in white and pastel colours.

The **MAUVIFLEX** formula combines the latest state of the art technology to produce:-

- Low dirt retention
- Excellent adhesion
- Exceptional water resistance
- Alkali resistance
- Tough elastic properties
- Flexibility at low and high ambient temperatures.
- Good resistance to ultraviolet light, algae, mould and fungus.

**MAUVIFLEX** has the unique ability to prevent water or water vapour penetration into the substrate. Yet it will allow water vapour from within the substrate to pass through its film thereby resist water traps and reduce humidity from within the structure.

#### 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

- |                             |                |
|-----------------------------|----------------|
| • <b>Product Code :</b>     | 0315           |
| • <b>Finish :</b>           | Matt           |
| • <b>Colour :</b>           | White          |
| • <b>Consistency :</b>      | Viscous Liquid |
| • <b>Specific Gravity :</b> | 1.24 (approx.) |
| • <b>Volume Solids :</b>    | 45% (approx.)  |
| • <b>Flash Point :</b>      | Not applicable |
| • <b>Shelf Life :</b>       | 12 months      |
| • <b>Packing :</b>          | 20 L, 5 L, 1 L |

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

#### PERFORMANCE PROPERTIES

- Water uptake (film immersed under water)
 

1 day	:	5.9%
5 days	:	16.3 %
- Elongation at break : 439 %
- Tensile strength at break : 2,2 MPa
- Elasticity (memory recovery) : 90 %
- Dirt pick up retention : Excellent
- Adhesion : Good

The following tests were repeated after accelerated weathering (Q.U.V. -1000 Hrs exposure)

- Water uptake :
 

1 day	:	2.7%
5 days	:	6.4 %
- Elongation at break : 330 %
- Tensile strength at break : 3,8 MPa
- Low installation cost since it is water-borne and can be easily applied by conventional means.
- Very little or no maintenance required.

### **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:-
  - ⇒ SP 001 for concrete and plaster.
  - ⇒ SP 002 for wood.
  - ⇒ SP 004 for galvanised steel.
- **Application method** :

### **Water proofing system**

#### **SEALER**

Apply by brush, roller, squeegee or spray, one coat of **MAUVIFLEX SEALER** at the rate of approximately 6 m<sup>2</sup> of surface per litre of sealer. No dilution is required. Allow to dry over night.

#### **INTERMEDIATE COAT**

Apply by brush, roller, squeegee or spray, one even coat of undiluted **MAUVIFLEX** at the rate of approximately 1 m<sup>2</sup> of surface per litre of coating. While the intermediate coat IS STILL WET, embed a suitable **MEMBRANE** ensuring that the membrane is completely saturated. Care should be taken to ensure that all air bubbles and wrinkles are smoothed out. Allow at least 8 hours drying time.

#### **NOTE**

The membrane will reinforce and protect the coating system, it will ensure optimum performance even with future development of hair cracks. In specific conditions, the user may substitute the membrane by one additional coat of **MAUVIFLEX**, however, the membrane should always be used over existing cracks, joints, around drainage or water pipes and where obvious weaknesses or defects need correction or specific attention.

#### **FINAL COAT**

Apply by brush, roller, squeegee or spray one coat of undiluted **MAUVIFLEX** at the rate of approximately 1.5 m<sup>2</sup> 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 is not required nor is it advisable. If absolutely necessary, dilute slightly with water.
- \* Do not apply during rainy or highly humid conditions.
- \* Do not use **MAUVIFLEX** for permanent immersion in water.
- \* Do not use **MAUVIFLEX** 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 **MAUVIFLEX**.

### **Decorative paint**

Apply three coats of **MAUVIFLEX** at a spreading rate of approximately 8 m<sup>2</sup>/l after application of sealer. Allow 6 hours drying minimum in between coats.

- **Cleaning solvent** : Clean with water immediately after use. If necessary add some liquid detergent to warm water.
- **Preceding coat** : **MAUVIFLEX SEALER**.
- **Subsequent coat** : Not required. **MAUVIFLEX** can be over coated with **MAUVITOP** in areas where level of dust are high.

### **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.

### **Distributed by Mauvilac Industries Ltd**

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