

# Ceramiflex

## Elastomeric Texture Coating



### FEATURES

**Ceramiflex** is a premium quality elastomeric textured coating with thermal insulation properties.

Containing hollow ceramic microspheres in combination with our unique elastomeric polymer system, **Ceramiflex** will significantly reduce the temperature of an internal surface when applied to the exterior.

**Ceramiflex** has outstanding adhesion to a wide variety of substrates and the cured film provides excellent strength, durability and flexibility to the coating system. Containing Zinc Phosphate for steel corrosion protection, and film biocides to eliminate fungal and algal growth, **Ceramiflex** will provide long term protection in the harshest of environments.

### RECOMMENDED USES

**Ceramiflex** is designed to be applied to exterior surfaces to reduce the internal temperature within pipe-lines, storage tanks, roofs, cool-rooms, site offices and other portable structures. It may also be used on many other substrates, for example:

- Masonry and brick
- Cement render
- Fibre sheeting
- Corrugated Iron and other metals
- Timber

**Ceramiflex** may be applied at medium to high dry film build, with higher builds affording improved thermal insulation and elastomeric properties.

### SPECIFICATION DATA

|                       |                                  |                            |  |
|-----------------------|----------------------------------|----------------------------|--|
| <b>Colour:</b>        | White, light pastels             | <b>Dry Film Thickness:</b> | 140 - 1100 $\mu$ DFT                         |
| <b>Density:</b>       | 1.17 g/cc                        | <b>Wet Film Thickness:</b> | 325 - 2560 $\mu$ WFT                         |
| <b>Volume Solids:</b> | ~48%                             | <b>Coverage:</b>           | 2 - 3 m <sup>2</sup> / litre @ 140 $\mu$ DFT |
| <b>Packaging:</b>     | 4, 10, 20 and 200 litre          | <b>Number of Coats:</b>    | 1-3 coats depending on DFT                   |
| <b>Application:</b>   | Airless spray or roller          | <b>Touch Dry:</b>          | 30 - 60 minutes @ 25°C                       |
| <b>Cleanup:</b>       | Water                            | <b>Dry to Recoat:</b>      | 24 hours (if required)                       |
| <b>Storage:</b>       | Store under cool dry conditions. | <b>Hard Dry:</b>           | 4 - 8 hours @ 25°C                           |

### PERFORMANCE

|                                |           |
|--------------------------------|-----------|
| <b>Temperature Resistance:</b> | Excellent |
| <b>Abrasion Resistance:</b>    | Good      |
| <b>Weatherability:</b>         | Excellent |
| <b>Colour Retention:</b>       | Excellent |
| <b>Water Resistance:</b>       | Excellent |

## DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination, including fungal or algal growth. High pressure water wash is recommended, if possible.

**Ceramiflex** is best applied by airless spray using a minimum pump ratio of 30:1. Spray sufficient coats wet on wet to achieve the required film build. The product will easily build to 2000 $\mu$ .

Stir thoroughly before use - apply un-thinned, however **Ceramiflex** may be thinned 5 - 10% with water to aid application.

Application by roller should be with a textured sleeve.

Large external areas such as roofs should be high pressure water blasted to remove any residual dirt, fungal or algal growth.

**Ceramiflex** is a direct to substrate product, however application of appropriate primer, as listed below is recommended if possible. Rusted steel should be sand blasted to AS1627.4 Class 2 ½ or equivalent and primed before coating with **Cameleon Metalprime**.

Provide adequate natural ventilation during use. Wash equipment immediately after use with water.

**DO NOT apply if temperature is below 10°C or if relative humidity is >85% or rain is imminent.**

### Typical Specifications

| Surface   | *Preparation  | System  | Dry Film Build  |
|---|---|---|---|
| Plaster, masonry, brick, cement, cement render or fibre sheeting. | Thoroughly clean the surface ensuring all traces of loose material and surface contamination (oil, grease etc) are removed. | 1. Acritec<br>2. Ceramiflex<br>3. Ceramiflex    | 40 - 50 $\mu$<br>140 - 1100 $\mu$<br>140 - 1100 $\mu$ |
| Wood  | Remove any flaking or peeling paint, fill and sand surface (if required).   | 1. Timbaprime<br>2. Ceramiflex<br>3. Ceramiflex | 30 - 40 $\mu$<br>140 - 1100 $\mu$<br>140 - 1100 $\mu$ |
| New Steel or Galvanised metal                                     | <i>Prepare galvanised or steel surfaces to SSPC-SP-1</i>  | 1. Galvabond<br>2. Ceramiflex<br>3. Ceramiflex  | 25 - 30 $\mu$<br>140 - 1100 $\mu$<br>140 - 1100 $\mu$ |

*\*Previously coated surfaces that are sound and show good adhesion may be coated direct with Ceramiflex.*

## PRECAUTIONS

See the Cameleon Coatings General Safety Data Sheet, Product label, and Safety Data Sheet (SDS) for health and safety information prior to use.

## CAMELEON COATINGS

### Manufacturers of a complete range of quality paints

A Division of Red Fire Holdings PTY Ltd ABN 65 009 407 381  
26 Paramount Drive, Wangara, Western Australia 6065  
PO Box 1473, Wangara, Western Australia 6947  
Telephone (+61) 8 9302 2577 Fax (+61) 8 9302 2578  
[email@cameleon.com.au](mailto:email@cameleon.com.au)  
[www.cameleon.com.au](http://www.cameleon.com.au)

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