

Ceramiflex

Elastomeric Texture Coating



FEATURES

Ceramiflex is a premium quality, water based elastomeric 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. The dry film build of **Ceramiflex** contributes to the temperature reduction – the higher the film build applied, the more significant the temperature reduction will be. **Ceramiflex** is formulated to have very good hold up properties and is easy to apply, to vertical, horizontal or cylindrical surfaces.

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 anti corrosive pigments 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, cool-rooms, shipping containers, agricultural storage structures and silos, site offices and other portable structures. **Ceramiflex** is suitable for application as a roof coating on architectural, commercial and industrial buildings.

Excellent adhesion properties enable **Ceramiflex** to be used on many substrates, including:

- Masonry and brick
- Steel and other metal surfaces
- Cement render
- Fibre cement sheeting
- Colorbond and powder coated metal
- Timber

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

SPECIFICATION DATA

Colour:	White, light pastels	Dry Film Thickness:	150 - 1100 μ DFT
Density:	1.15 g/cc	Wet Film Thickness:	350 - 2300 μ WFT
Volume Solids:	~48%	Coverage:	2 - 3 m ² / litre @ 140 μ DFT
Packaging:	4, 10, 20 and 200 litre	Number of Coats:	1-3 coats depending on DFT
Application:	Airless spray or roller	Touch Dry:	30 - 60 minutes @ 25°C
Cleanup:	Water	Dry to Recoat:	24 hours (if required)
Storage:	Store under cool dry conditions	Hard Dry:	4 - 8 hours @ 25°C
VOC:	38 grams per Litre		

PERFORMANCE

Temperature Resistance:	Excellent
Abrasion Resistance:	Good
Weatherability:	Excellent
Colour Retention:	Excellent
Water Resistance:	Excellent

SURFACE PREPARATION AND APPLICATION

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. Graco 5900 is an example, using 19 to 25 thou tip size, depending on the area to be sprayed and film build required. Spray sufficient coats wet on wet coats to achieve the required film build. The product will easily build to 2000µ wft with excellent hold up.

Stir thoroughly before use. Best applied as supplied, un-thinned. However **Ceramiflex** may be thinned up to 5% with water to aid application.

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 where possible.

Surface rust on steel should be removed. Application of a primer such as **Cameleon Watersafe AC333 Primer** will aid the adhesion of **Ceramiflex** and provided additional corrosion protection to the coating system

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

DO NOT apply if temperature is below 10°C or above 35°C. DO NOT apply if relative humidity is >85% or rain is imminent.

Typical Specifications

Surface	*Preparation	System	Dry Film Build
Plaster, masonry, brick, cement, cement render, fibre sheeting, wood	Thoroughly clean the surface ensuring all traces of loose material and surface contamination (oil, grease etc) are removed. Remove any flaking or peeling paint, fill and sand surface (if required).	1. Acritec 2. Ceramiflex 3. Ceramiflex	40 - 50µ 150 - 1100µ 150 - 1100µ
Steel	Remove surface rust	1. Watersafe AC333 2. Ceramiflex 3. Ceramiflex	30 - 40µ 150 - 1100µ 150 - 1100µ
New Steel, Galvanised metal, Colorbond	Prepare galvanised or steel surfaces to SSPC-SP-1	1. Galvaprim WB137 2. Ceramiflex 3. Ceramiflex	25 - 30µ 140 - 1100µ 140 - 1100µ

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

PRECAUTIONS

See the Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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