



## Product Information

### Description

Du-flex is a high build coating, 100% acrylic, which are durable, heat and UV reflective, "Rubber-like" roof and wall maintenance coating, made with superior elastomeric acrylic polymers. It is specifically designed to pass crack bridging properties and good elongation over a wide range of temperature

### Usage / Purpose

Duflex is special polymer and special pigment, they give excellent adhesion performance, peeling protection and highest reflectance on Most every surface.

### Color

White or Other\* (\*extra cost please contact Durachem Company Limited)

### Packaging

Supplied in 25 kg drums

### Environmental Considerations

Very low VOC. Contains no substances of very high concern.

### Availability

Only available from Durachem Company Limited or our authorized distributors

## Usage Guideline

### Surface Preparation & Priming

- Du-flex should be applied onto a clean, undamaged, dry and primed surface.
- Du-flex should not be applied directly to galvanized surfaces or zinc rich primer
- The primer must be applied in accordance with the manufacturer's instructions.
- Durachem should be consulted for technical advice when zinc rich primers or the over coating of existing paints are specified for use.

### Application Conditions

- Du-flex is recommended for application and use on dry protected surface only.
- If the basecoat is allowed to get wet, it is likely to be damaged blistering and wrinkling may occur.
- Ensure the surface is dry and free from contact with rain or condensation during the application and drying of Du-flex

### Application Equipment

Roller, Brush and Spray

### Mixing

Du-flex is supplied ready for use. Dilution is not over 5-10% by weight

### Application

#### BRUSH/ROLLER APPLICATION

- Apply 1<sup>st</sup> coat of primer
- Apply 2<sup>nd</sup>-3<sup>rd</sup> coat of Du-flex

*\*\* Recommend for deep tone, you should apply middle coat that it has tone lighter before requiring color*

### Drying Times

Dry to touch : 30 Min  
Dry to recoat : 2 hours  
Full dry : 3 hours @ 25C°/77F°

Drying of Du-flex is dependent upon a number of factors including:

- Temperature
- Air movement
- Humidity
- Method of application
- Thickness of coating

High humidity and low air can result in condensation on the steelwork causing prolonged drying times and possibly poor basecoat adhesion.

# DU-FLEX

100% Pure Acrylic Emulsion Paint

### Application Advice

The following instructions are for on-site application only. For off-site application, refer to Durachem Company. Ensure that: The primer is compatible with Du-fire shield #682 and has been applied correctly.

- The over coating period for the primer has not been exceeded. The correct primer is used for galvanized steel.
- All damage to the primer has been repaired & re-primed.
- Site and weather conditions are within specification.
- Du-flex has been stored correctly
- Surface is clean, dry and free from contamination.
- Correct spray equipment is available, if appropriate.
- Application instructions have been read prior to commencement of work.
- Ensure different basecoats are not applied on the same section of steel.
- Equipment should be clean and free from contaminants or dried material.

### Technical Data

<b>Type</b>	Acrylic Emulsion paint
<b>Color</b>	White or Other*. *Extra cost
<b>Viscosity</b>	115 - 120 KU @ 25°C / 77°F
<b>Solid Content</b>	63 ± 1% by weight
<b>Specific gravity</b>	1.2±0.1
<b>pH</b>	8.5±0.5
<b>Coverage</b>	Theoretical coverage 150-175 Square meters per US gallon for one-time coat Practical coverage (25% loss) 120-140 Square meters per US gallon for one-time coat
<b>Package</b>	25 Kilograms
<b>Clean</b>	Water
<b>Drying time</b>	Dry to touch 30-45 minutes Dry to recoat 2 hours <i>*Weather and humidity has effected to the paint layer and drying time.</i>

### Cleaning

Brush or Spray equipment can be cleaned using water only

### Maintenance & Repair

Damaged areas should be abraded back to a sound surface. The surface should then be clean and dry before reapplying.