



**ORMONOID**

EST. 1912

# DURAFLEX GREY

A single pack, water based, high build membrane coating for the sealing and long-term protection of exterior surfaces. Ormonoid Duraflex Grey has the ability to absorb considerable substrate movement and to bridge developing cracks



## FEATURES AND BENEFITS

- Water based
- Very flexible and elastomeric
- Excellent water resistance
- Adheres to all commonly used building and construction materials
- Non-flammable
- No application hazards
- High scrub and wash resistance

## PACKAGING

Available in a 20L pail

## USES

- Duraflex Grey can be applied to all common building materials such as concrete, render, aluminium, steel, cement sheet, masonry, brick, wood etc.
- Ideal for use to waterproof shower recesses, bathrooms, balconies, rooftops, etc.

## PRODUCT INFORMATION

### Coverage

Flat roofs

500 micron dry film thickness i.e. 1.1m<sup>2</sup>/L

Pitched roofs

370 micron dry film i.e. 1.5m<sup>2</sup>/L

Walls (smooth)

250 micron dry film i.e. 2.2m<sup>2</sup>/L

High movement / likely cracking areas

1000 micron dry film i.e. 0.5m<sup>2</sup>/L

Junction / joints

500-1100 micron dry film i.e. 0.5-1.1m<sup>2</sup>/L (reinforce with nylon, polyester, fibreglass, fabric, etc.)

### Shelf Life

Duraflex Grey has a shelf life of up to 12 months in unopened containers stored in a cool, dry place



MADE IN AUSTRALIA



## DIRECTIONS FOR USE

### SURFACE PREPARATION

- All surfaces must be free of grease, oil and dust. Very smooth surfaces should be roughened for better adhesion
- Looser rust, moss, lichens, crumbling cement, deteriorated fibre cement and degraded bituminous substances must be removed either mechanically or chemically
- Surface faults such as blisters, holes and cracks should also be cleaned out, then repaired with a flexible filler
- Small hairline cracks can be painted with Duraflex Grey-brush in, allow to dry, then repeat until filled or at least sealed
- Adhesion to concrete and other porous substrates (e.g. fibre cement sheet), can be improved by priming with Davco Ultraprime. This is recommended because these surfaces can be very weak and consequently when a coating of Duraflex Grey is pulled up it actually tears away the surface to which it is bonded (e.g. concrete - concrete failure)
- Rusty metal should be cleaned by blasting or other means to a suitable standard then primed with a rust inhibiting primer. Other metals should be suitably primed or treated, e.g. for new galvanising, degrease, etch or roughen surface before coating

### MIX PREPARATION

#### Mix Process

For ease of application, stir contents well prior to use.

### APPLICATION

1. Apply two or more coats of Duraflex Grey to obtain recommended total thickness by brush, roller, spread bar or airless spray gun.
2. Ideal application temperature is between 10-30°C and relative humidity 30-80%.
3. Rinse brushes, etc., frequently in water to prevent drying/clogging. Keep containers closed to minimise skin formation.
4. In fast drying weather conditions, adhesion to unsealed absorbent or porous surfaces is significantly improved by using Davco Ultraprime.

### 5. Typical airless spray set up:

Inlet pressure: 690-1380 kpa (100-200 psi)

Pump ratio: 20:1 to 40:1

Outlet pressure: 14000-28000 kpa (2000-4000 psi)

Tip (adjustable): 0.7-1.1mm (27 - 43 thou)

Inlet pipe length: Short as possible

Outlet hose: 12mm (1/2 inch) i.d. and about 8m (26ft) long max.

If necessary slightly thin Duraflex Grey with water, usually 2-5%

### Clean-up & Return to Service

- As soon as work ceases remove excess from brush etc, and wash with water before drying begins. If partial drying occurs use M.E.K, then soap and water
- Keep containers sealed, (plastic covers surface to reduce skinning in part-full containers). Store in a cool, dry area

## PRECAUTIONS

### Safety

- SDS is available from [www.parexdavco.com.au/ormonoid](http://www.parexdavco.com.au/ormonoid)
- It is recommended that applicators wear PVC or similar gloves and goggles while handling this product.
- Wash off body before Duraflex Grey dries to a tough, water insoluble film
- If in eyes, rinse eyes immediately with water 5-10 minutes. If irritation persists, consult a doctor. Move to fresh air if nasal discomfort occurs

### Specific

- Do not add sand to Duraflex Grey as it will reduce its flexibility and may cause cracking
- Duraflex Grey is not recommended for use in areas of water immersion like swimming pools etc.
- For wet areas like shower recesses, rooftops, etc ensure sufficient falls are provided to avoid pooling of water

## TECHNICAL DATA

TECHNICAL DATA	ORMONOID DURAFLEX GREY
Type	Acrylic copolymer
Density	1.35kg/L
Spreading rate	1-4m <sup>2</sup> /L/coat
Resistance to water	Excellent
Resistance to acids	Limited
Resistance to solvents	Fair
Volume solids	55%
Flash point	None
Film appearance	Low sheen
Resistance to fungi	Excellent
Resistance to alkali	Good
Resistance to oils	Good

## Weather Curing Times

The following is a guide to overcoating and weathering cure times at a temperature of approximately 20°C and relative humidity of 40-60% with light breezy conditions:

WET COATING THICKNESS	MINIMUM TIME / HOURS BETWEEN COATS	TIME HOURS TO DEVELOP RAIN RESISTANCE	
		LIGHT RAIN	HEAVY RAIN
250microns(4m <sup>2</sup> /L)	1-2	4-6	8-12
500microns(2.2m <sup>2</sup> /L)	3-6	8-12	18-24
670microns(1.5m <sup>2</sup> /L)	4-8	12-16	24-36
1000microns(1.1m <sup>2</sup> /L)	8-16	12-24	36-48

Optimum properties are approached after seven days. Hot or windy conditions will give fast drying. Cold or damp conditions will slow drying considerably (like washing on a line).

Note: Two or more thin coats to obtain total thickness potentially gives more even application and faster overall weather resistance, particularly in cold conditions

## LEGAL NOTES

The information and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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