



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. 1.1m²/L

Pitched roofs

370 micron dry film i.e. 1.5m²/L

Walls (smooth)

250 micron dry film i.e. 2.2m²/L

High movement / likely cracking areas

1000 micron dry film i.e. 0.5m²/L

Junction / joints

500-1100 micron dry film i.e. 0.5-1.1m²/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
- Loose 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 Duron Sealer. 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). Sealing with Duron Sealer greatly reduces this type of potential 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%. In rapid drying conditions, mask large areas into smaller zones to help obtain an even application and appearance.
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 Duron Sealer.
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 (26 ft) 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 over surface reduces skinning in part-full containers). Store in a cool, dry area

PRECAUTIONS

Safety

- SDS is available from www.parexdavco.com.au/ormonoid
- 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 ² /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 a 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
250 microns (4m ² /L)	1-2	4-6	8-12
500 microns (2.2m ² /L)	3-6	8-12	18-24
670 microns (1.5m ² /L)	4-8	12-16	24-36
1000 microns (1.1m ² /L)	8-16	12-24	36-48

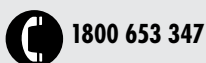
Optimum properties are approached after seven days. Hot or windy conditions will give fast drying. Cold or damp conditions will slow drying considerably, (like washing on a line).

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



Quality
ISO 9001
SAI GLOBAL

ParexGroup products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.



1800 653 347



parexdavco.com.au/ormonoid



technical@parexdavco.com.au



facebook.com/parexdavco

The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. All workmanship must be carried out in accordance with AS 3958.1 - 1991.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.