

DURO MASTIC™ AC

FOR ROOFS, WALLS, FASCIAS & BALCONIES

DUROTECH
Engineered Construction Chemicals
Made In Australia For Over 42 Years

DESCRIPTION

DURO MASTIC™ AC is a waterproof and UV resistant liquid membrane used either for long-term waterproofing or as a decorative coating. It cures to form a flexible waterproof membrane or coating by varying the thickness and number of coats. It is resistant to weathering, fungi and algae. Although the membrane is waterproof it allows the substrate to breathe, reducing the risk of blistering.

DURO MASTIC™ AC has been used for over 20 years as a roof membrane and protective coating.

FEATURES

- UV stable, weather resistant
- Water-based
- Low VOC
- Single component
- Environmentally friendly
- Low odour
- Permanently flexible
- Seamless
- Fungi and algae resistant
- Easily maintained and repaired
- Non hazardous

USE AREA

- Concrete roofs
- Facades & parapet walls
- Bitumen roof top coating
- Foot trafficable roof deck membrane
- Concrete or blockwork walls
- Asbestos roof encapsulation

TECHNICAL INFORMATION

Colour	Grey or Green
Dry Time	Good
Recoat Time	4-6 hours @ 25°C
Top Coating	May be top coated with DURO MASTIC™ SR or DURO MASTIC™ Non Slip for greater serviceability.
Coverage	Membrane – min. 2 coats each @ 1.0 litre/m² [1m²/litre] Coating – min. 1 Coat @ 0.25-0.3 litre/m² [3-4m²/litre]
Dry Film Thickness	1.0 mm - 1.2 mm as a membrane, 0.13mm -0.17mm as a coating
Elongation @ break	200-300% at 25°C
Moisture Vapour Transfer	0.45g/h-m²
Solids Content	50% by volume
VOC	51 grams/litre, SCAQMD Method 304-91
Shelf Life	12 months in unopened containers @ 20°C





PREPRATION

All surfaces shall be sound, clean, dry and free of release curing agents and other contaminants. Check adhesion by applying to a test area. Concrete is to be at least 28 days old, dry and free of voids and other surface defects. Make sure painted surfaces are sound and remove any chalking by pressure spray or light detergent wash. Roof decks must be properly drained for long-term serviceability of DURO MASTIC™ AC. A 12mm fillet of neutral cure silicone sealant is to be applied at all surface junctions.

Concrete: Remove laitance or unsound concrete by water blast or mechanical means. Fill all porous or honeycombed concrete with appropriate and approved material.

Compressed fibre cement sheets must be installed as per manufacturers specification and all joints must be sealed. Movement cracks and cold joints to be cut out and filled with neutral cure silicone sealant, then overlaid with DURO MASTIC™ AC reinforced with 140mm minimum wide bandage.

Note: All sheet joints to have an expansion gap. Seal all surface joints and screw holes with neutral cure silicone sealant, and further seal joints and spread across a min. 20mm of the surface and overlay with tape and DURO MASTIC™ AC reinforced with 140mm (min.) wide bandage.

PRECAUTIONS

Prime surfaces with one or more coats of Duromix™ WBE or Hibuild WBE at a rate of 4-6 m²/litre.

MEMBRANE APPLICATION

Reinforced: To the prepared surface, apply a first coat of DURO MASTIC™ AC by brush or roller at approximate rate of 2.1 litre/m². Immediately lay the reinforcing fabric into the wet surface, then apply another coat and work in carefully by brush or roller to saturate the fabric. Check when dry and apply a further coat if necessary to give a fully waterproof lining DFT of 1.0 mm -1.2 mm. Ensure a minimum coverage of 1.5 litres/m².

Unreinforced: Where reinforcing fabric is not utilized, apply 3 or more coats of DURO MASTIC™ AC for a total usage rate of 1.5 litres/m², ensuring even coverage by brush or roller.

Decorative over membrane apply 1 coat at 3-4m²/Litre

PRECAUTIONS

Do not apply above 30°C or below 10°C ambient temperature. Be sure coating is cured before contact with water. Wash equipment with water before dry. This is particularly important with FC sheet flooring. Do not expose to solvents. Clean periodically to maintain surface and re-coat when necessary.

CLEANUP Use fresh water before material has set. Remove cured material with mineral turps.

Durotech Industries Pty Ltd

Address 14 Essex Street, P.O Box 5092, Minto, NSW 2566

Phone +61 2 9603 1177

Fax +61 2 9475 5059

Email sales@durotechindustries.com.au

Web www.durotechindustries.com.au



DUROTECH INDUSTRIES

"This document, including any attached files, is strictly confidential and intended solely for the use of the individual or entity to which it is addressed. Durotech Industries prohibits the right to publish, copy, distribute or disclose any information contained in this document, or its attachments, by any party other than the intended recipient. If you have received this document in error please notify the sender and delete it from your system immediately. no employee or agent is authorised to conclude any binding agreement or make any representation on behalf of Durotech Industries. The views or opinions presented in this document are solely those of the author and do not necessarily represent those of Durotech Industries, except where the sender expressly, and with clear authority, states them to be the views of Durotech Industries. Durotech Industries accepts no liability for any loss or damage (direct or indirect or consequential) arising from the use of or in connection with this document and any attachments and suggests that the recipient check this document and any attached files for the presence of viruses."

