

DUROPRIME™ U200

100% SOLIDS PRIMER



DESCRIPTION

DUROPRIME™ U200 is a two-component, solvent free, epoxy primer for use on concrete, including outstanding adhesion to damp concrete. DUROPRIME™ U200 uses premium epoxy resins and curing agents to produce a low-viscosity, clear, yet tough and durable finish.

FEATURES

- Non-hazardous – solvent free, non-corrosive, non-flammable product for cheaper, easier and faster transport
- Potable water approved under AS/NZS 4020
- Field-friendly – mix ratio tolerance and long storage life, combined with surface/moisture tolerance gives a truly field-friendly product
- Good tolerance to low temperatures
- Can be applied onto dry, damp or even wet surfaces, as it is completely moisture tolerant
- Clear formula on does not impact on colour of underlying aggregate or coating
- Clear, yet very durable
- Low viscosity, slow curing product ideal for sealing applications as it allows deep penetration to give a thorough seal
- Solvent free - means product can be applied in confined spaces with no need for ventilation equipment
- 100% solids – means long shelf life (do not have to use all at once) and no shrinkage in the coating film

TECHNICAL INFORMATION

Colour Clear Amber

Mix Ratio by Volume (Part A : Part B) 3 : 1

Touch Dry Time at 25°C (Hrs) 3 - 4

Solids Content (%) 100

Theoretical Coverage 1 Litre 4 - 6m²

Recommended Dry Film Thickness (DFT) (mm) 0.1 - 0.2

SURFACE PREPARATION

New concrete surfaces should be allowed to cure for a minimum of 28 days. Old, damaged and/or heavily contaminated concrete surfaces should be degreased with an appropriate agent/detergent and repaired with DUROPRIME™ U200 prior to surface preparation. Diamond grind, shot-blast or water-blast (3000 psi) is required to obtain a clean, granular feel. Properly prepared surfaces should be structurally sound and free of laitance, efflorescence, glaze and any loose or bond-inhibiting curing compounds. Ensure prepared surface is clean and dust-free again if there is a delay between preparation and application.



MIX PREPARATION

You do not have to mix the entire product at once as shelf life is very long. Mix DUOPRIME™ U200 at the stated ratio of 3:1. Add Part B to Part A and mix with a power agitator until a consistent appearance/colour is obtained.

APPLICATION

DUOPRIME™ U200 is best applied by siphon or pressure pot spray equipment. Airless spray equipment may be used, provided a minimum of 100µm DFT is applied.

CURE TIME

Cure time is based on 100µ - 200µ dry film thickness. Excessive film thickness, cooler temperatures or poor ventilation may require longer cure times resulting in premature failure

	50 – 60°F (10 – 15°C)	70 – 80°F (21 – 27°C)	90 – 100°F (32 – 38°C)
Surface Dry	12 – 20 hrs	6 – 10 hrs	3 – 5 hrs
Hard Film	36 – 44 hrs	18 – 22 hrs	9 – 11 hrs
Recoat (min)	36 – 44 hrs	18 – 22 hrs	9 – 11 hrs
Recoat (max)	90 hrs	45 hrs	23 hrs
Full cure	16 days	8 days	4 days

CLEAN-UP AND RETURN TO SERVICE

Clean all mixing and application equipment immediately after use with MEK, Acetone or Methylated Spirits.

VICTORIA

34 Indian Drive Keysborough
Victoria 3173
Tel: 1300 434 272
sales@durotechindustries.com.au
www.durotechindustries.com.au

NEW SOUTH WALES

14 Essex st, Minto, Sydney
NSW 2566
Tel: 1300 434 272
sales@durotechindustries.com.au
www.durotechindustries.com.au

QUEENSLAND

1/16 Export Drive, MOLENDINAR
QLD 4214
Tel: 1300 434 272
sales@durotechindustries.com.au
www.durotechindustries.com.au

SOUTH AUSTRALIA

30C Richard Street
Hindmarsh, SA, 5007
Tel: 1300 434 272
sales@durotechindustries.com.au
www.durotechindustries.com.au

"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 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."



©DUROTECHINDUSTRIES.COM.AU