



203 TIMBER SEALER

DECEMBER 2004

Epoxy Sealer

Product Data

An easy to use 1:1 product for sealing and densifying all timber.

- Can be used to seal concrete to prevent dust.
- Will help protect timber against dry rot and moisture ingress.
- Low viscosity for maximum penetration.

Note: Will chalk and yellow if left uncoated and exposed to UV.

Uses

All timber in marine applications.

Low cost concrete sealer.

Capable of accepting a wide range of coatings.

Apply 100 microns WFT to achieve 20 microns DFT.
Apply 3 coats.

Colour Availability

Clear

Packaging

Part A: 1L, 4L

Part B: 1L, 4L

Substrates

Timber

Concrete

Mixing Ratio

Mix 1L 203A with 1L 203B

Pot Life

Once catalysed, pot life is 6 hours @ 21 deg C.

Total Solids Content

29% (wt), 20% (vol)

Theoretical Coverage

Approximately 10 sq. m/litre @ 20µm DFT (catalysed).

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Thinning and Clean Up

Thinning not required.

Clean up with 470T.

Application

Spray, brush or roller.

Drying

Touch dry: 1 hr @ 32 deg C, 2 hrs @ 21 deg C, 6 hrs @ 10 deg C, 9 hrs @ 5 deg C.

Maximum recoat time (with itself): 8 hrs @ 32 deg C, 16 hrs @ 21 deg C, 30 hrs @ 10 deg C, 48 hrs @ 5 deg C.

Surface Preparation

Designed for multiple coats for maximum benefit. Timber must be clean and dry. Degrease oily timbers such as teak and totara. Successive coats can be applied without sanding, as long as the recoat window is not exceeded. If exceeded, sand with 180/220 grade wet or dry paper.

Concrete needs to be clean and dry. If a full system is to be applied, then concrete etching or mechanical grinding is recommended.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

CAUTION:

Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

This product is for professional use only. Not for residential use.

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.