

## TREDGRIP

### Data Sheet

#### PRODUCT DESCRIPTION

Tredgrip is a high build, water based acrylic copolymer which has a crosslinked, crumbed rubber incorporated to give excellent non-skid properties. Tredgrip has high elasticity and very good tensile strength.

**COLOUR:** Various

**FINISH:** Matt / Textured

#### USES

Used as a non-skid protective membrane where permanent flexibility is required and is serviceable for both internal and external application. Can also be used for waterproofing protection.

For application to most common building substrates such as timber, concrete, plywood, fibreglass, steel, masonry surfaces etc.. (see surface preparation under Technical Information [www.flexitexproducts.com.au](http://www.flexitexproducts.com.au))

#### PROPERTIES

- Very weather resistant and UV stable. Also has excellent flexibility to accommodate substrate movement.
- Exceeds Australian Standard for non-slip coatings.
- Resists fungal and algae attack.
- Fast drying with easy re-coat ability and/or repair.
- Water based and environmentally responsible.
- Will bridge/fill hairline cracks in concrete.

#### PERFORMANCE

**Weathering:** Excellent

**Solvent Resistance:** Good environmental resistance.

**Chemical Resistance:** Good for most chemicals

**Abrasion Resistance:** Good

**Water:** Good, long term immersion not recommended

**Temperature:** Application range 10<sup>0</sup>c – 30<sup>0</sup>c. Film service range 5<sup>0</sup>c – 90<sup>0</sup>c

**Flexibility:** Very Good

#### TECHNICAL

**Solids:** 62% volumetric solids

**Recommended Coverage:** 6m<sup>2</sup> per litre per coat

**Recommended Film Build:** Minimum dry film thickness 600 microns ie. 2 coats

**Touch Dry:** 30 minutes – 1 hour @ 25<sup>0</sup>c

**Recoat:** 2-4 hours @ 25<sup>0</sup>c

## TECHNICAL CONT....

**Water resistant:** 16 hours @ 25<sup>o</sup>c

**Full cure:** 7 days @ 25<sup>o</sup>c

**Application Method:** Brush, roller or soft broom

**Thinning:** Use clean water in moderation

**Clean up:** Wash all equipment in clean water before product dries.

**Shelf Life:** 12 months in unopened containers

**Handling:** Non-Flammable, adopt normal painting precautions

**Packaging:** Available in 1, 4 and 10 litre containers

**No. Of coats:** Minimum of 2

## SURFACE PREPARATION

All surfaces must be clean and dry, free from dirt, grease, oil, rust, mould and flaking material.

**Masonry Surfaces:** New concrete should be left to cure for 28 days, before acid etching and flushing with a water blaster. Smooth or powdery surfaces including cement sheeting must be primed with Tredgrip Primer

**Steel:** Areas of rust must be removed by either sand blasting or wire brush before coating with a WATER BASED METAL PRIMER according to manufacturer's direction. New surfaces must be thoroughly degreased to remove all traces of oil/grease before coating with a WATER BASED METAL PRIMER according to manufacturers directions.

**Timber:** All timber should be suitably primed with a premium quality ACRYLIC TIMBER PRIMER before the application of Tredgrip.

**Fibreglass:** Surface must be thoroughly sanded with coarse sandpaper (eg. 60-80 grit) before cleaning with sugar soap and flushing with plenty of clean water.

**Previously Painted Surfaces:** Remove any loose, flaking or chalking material. Existing paving paints must be thoroughly sanded and cleaned. Tredgrip will generally adhere to previous acrylic coatings if they are sound and clean. Previous oil based enamels must be sanded and thoroughly cleaned. Epoxy coatings and polyurethanes must be sanded, cleaned and primed with a suitable ACRYLIC PRIMER according to manufacturers directions. Spot prime bare areas a for new surfaces.

ALL EXISTING PAINT SYSTEMS MUST BE TESTED FOR ADHESION TO THE SURFACE BY DOING A CROSS-CUT AND TAPE PULL-OFF TEST. IF EXISTING SYSTEM SHOWS POOR ADHESION IT MUST BE COMPLETED REMOVED.

## MIXING

Tredgrip is thixotropic. Stir contents thoroughly until smooth. Multiple containers should be boxed together to ensure colour uniformity.

## THINNING

The first coat of Tredgrip should always be thinned with approx 20% clean water. Subsequent coats should be applied "neat" from the can.

## APPLICATION

The most effective results are obtained by using either a brush or a soft synthetic bristle household broom. A long nap roller can also be used. Always apply one coat in one direction, then apply the other following coats at 90° or right angles to the previous coat to ensure adequate and even coverage. Always ensure you have a “wet edge” when doing large areas to avoid track marks in the final appearance.

## SAFETY

Ensure adequate ventilation during use and sufficient air flow for the comfort of the applicator. Wear safety goggles and protective gloves. Keep contents sealed and away from children. If swallowed call a doctor or Poisons Information Centre. For detailed safety precautions consult the TREDGRIP MATERIALS SAFETY DATA SHEET.

## PRECAUTIONS

- Not for industrial use where heavy machinery may damage the coating
- Not recommended for long term water immersion
- Some rubber compounds will bond to Tredgrip in some areas eg. Car tyres and outdoor furniture feet etc.
- Do not apply to surface for the collection of drinking water as tainting may occur
- Do not apply when rain is expected or when temperatures could fall below 10°C
- Do not apply to loose or powdery surfaces
- Do not apply in direct sunlight or hot drying winds

***The information contained herein is based on tests believed to be accurate and reliable however any data, advice, recommendation, information, assistance or service provided by Flexitex Products Pty Ltd in relation to goods manufactured by them or their use and application is given in good faith and is believed by Flexitex Products Pty Ltd to be appropriate and reliable. However any advice, recommendation, information, assistance or service provided by Flexitex Products Pty Ltd is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon Flexitex Products by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating Systems can be expected to perform as indicated on this data sheet so long as application and procedures of the individual products are followed as recommended on the appropriate product data sheet.***