



Multithane Aliphatic Top Coat - Provides Greater UV Protection & Colour Fastness For Multithane Membranes

Product Data Sheet

Multithane ATC

Description

Duram Multithane ATC is single pack, aliphatic polyurethane waterproofing top coat which has been formulated as a complimentary and compatible top coat for Multithane UV and Duram 195. Aliphatic technology provides greater UV protection, colour fastness and anti-chalking properties and is designed to extend the life of exposed aromatic polyurethanes. Multithane ATC forms a tough, flexible, seamless, highly UV stable, waterproof coating. Multithane ATC meets the 'Green Star' environmental criteria.

Uses

Multithane ATC is primarily formulated as a highly UV stable top coat over Multithane UV and Duram 195 to give greater long term UV protection and colour fastness thereby extending the life and performance of the waterproofing membrane.

Suitable Surfaces

Multithane ATC have been formulated as top coat over Multithane UV and Duram 195.

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Limitations

Suitable for maintenance foot traffic and not intended as a general trafficable membrane.

Benefits and Advantages

Multithane ATC represents the highest standards in aliphatic polyurethane waterproofing technology and provides the following benefits and advantages:

- » Compatible with Multithane and Duram 195 waterproofing membranes.
- » Provides excellent UV protection.
- » Extends the life of the waterproofing membrane system.
- » Meets the 'Green Star' environmental criteria.
- » Single pack - no mixing.
- » Curing (usually within) 24 hours.
- » Permanently flexible
- Suitable for immersion in water.
- Good chemical resistance.
- High strength and puncture resistant.
- Provides seamless membrane (no joints or laps)
- Easily repaired and or maintained.
- Odourless (subjective) when cured.
- Formulated to provide long term protection.
- Tar free- does not bleed.
- Easy to apply.
- Has good hydrostatic resistance.
- Usually grey but can be made in other colours (minimum quantities apply)

Precautions in Use

Risk is considered low when properly used but precautions on can, label and / or data sheets should be observed. Do not use in confined areas with poor ventilation. Uncured product is flammable.

Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

As its main purpose is to be applied over cured Multithane UV and Duram 195, it can be applied as follows:
OVER NEW MEMBRANES

Providing the existing membranes are clean, dry and that the Mutithane ATC is being applied within 48 hours of applying the Mutithane membranes - no other preparation is required. If the existing membranes have been contaminated refer to 'TO EXISTING MEMBRANES' below.

TO EXISTING MEMBRANES

Multithane ATC may be applied to 'aged' Multithane membranes. These surfaces should be dry, clean and free of dirt, dust and contaminants and should be suitably cleaned depending upon the type of contaminant, e.g. if oil, then clean with detergent, flushed and allowed to dry. The surface should be wiped down with Duram Solvent to 'rejuvenate' the top layer, allowed to flash off before applying the Multithane ATC.

Application

Apply Multithane ATC to Multithane UV and Duram 195 membranes by brush, roller, broom and squeegee usually in one or two coats at the rate of 3m² per litre per coat, so that the minimum dry film thickness is 300 microns.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

Multithane ATC Top Coat: Generally, 3m² per litre per coat.

Colours

Generally grey. Can be manufactured in some other colours but minimum quantities may apply.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Generally Multithane ATC is weather resistant within 6 to 8 hours with full cure within 24 hours.

Storage

Keep in cool, dry place away from heat, flame, combustible material and all sources of ignition. Product contains flammable solvents. Class 3 dangerous goods must be declared prior to transportation. Available in 5 and 15 lt pails. Self life: 6 - 12 months in unopened container but best used within 6 months. As this is a polyurethane some skinning of the product may occur. This should be cut out and removed. Balance of the product will be suitable for use.

Clean Up

Avoid spills. They are difficult to clean particularly off porous surfaces. Wet spills use a cloth and Duram Solvent. Do not clean off carpets as it is better to allow product to cure and then shave the carpet. Equipment should be immediately cleaned with Duram Solvent.

Tiling, Topping or Top Coating

Generally not covered, although membrane may be covered with drainage cloth and pebbles, ensuring not to damage membrane.

Safety & Precautions

Multithane ATC is solvent based. The use of solvent resistant gloves and goggles (against splashes) are recommended. Use in ventilated areas. If spraying, in confined areas the use of self contained breathing apparatus is recommended. If swallowed do not induce vomiting, give plenty of water to drink. Seek urgent medical advice. If in eyes, flush thoroughly with clean water, holding open lid to ensure any trapped product may be flushed away. If on skin, remove contaminated clothing and wash skin with soap and water. If inhaled, unlikely due to viscosity of the product, remove person to fresh air and apply artificial respiration if required and seek urgent medical attention. Product is flammable when wet. Keep away from all sources of ignition. Ensure adequate ventilation. Vapours may collect in low lying areas.

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

Tests and Technical Data

Information below is general and approximate. MULTITHANE has been tested by CSIRO [Test Report 3142] and passes AS4858:2004 Wet Area Membranes Elongation at break: 686% Class 111 High Extensibility. Resistance to Cyclic Movement: 50 cycles without rupture, tears and crazing.

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Conditions of Use and Disclaimer

The information contained in this Material Data Sheet is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the Product Data Sheet in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

DURAM PTY LTD ABN 50 612 836 718**The Ultimate in Waterproofing & Protective Coating Technology****Duram Offices:****NEW SOUTH WALES:** 51 Prince William Drive, Seven Hills, NSW 2147

Tel (02) 9624 4077 Fax: (02) 9624 4079

QUEENSLAND: Unit 4, 29 Collinsvale St Rocklea, QLD 4106

Tel (07) 3255 6478 Fax: (07) 3255 6258