PRODUCT DATA SHEET

DUROPROOF™ ATC

PROVIDES GREATER UV PROTECTION & COLOUR FASTNESS FOR MEMBRANES

DUROTECH
Commercial Waterproofing & Sealants

DESCRIPTION

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

FEATURES

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

- 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
- Good chemical resistance
- High strength and puncture resistant
- Provides seamless membrane (no joints or laps)
- Easily repaired and or maintained
- Easy to apply
- Can withstand light foot traffic

USE AREA

DUROPROOF™ ATC is formulated as a highly UV stable top coat over DUROPROOF™ Polyurethane membranes to give greater long term UV protection and colour fastness thereby extending the life and performance of the waterproofing membrane

TECHNICAL INFORMATION

Appearance (Dry Film)	Grey, glossy
Tack-free Time	8 hours at 250 C & 50% R.H. , 0.15 mm film
Cure	24 hours. Light foot traffic only after 24 hours
Weather Resistance	2000 hours QUV, no crazing, spalling or softening
Solids Content	80%
Tensile Strength Max	7.0 Mpa, AS/NZS 1683.11
Elongation at Break	270%, AS/NZS 1683.11
Tear Strength	28 N/cm, ASTM D-1004
Hardness	68 Shore A. AS 1683.15
Abrasion Resistance	0.1mm depth, 500 cycles, CS-10 wheel, AS1580.403.2 (non-trafficable)
Chemical Resistance	No visible effect, 16 hrs, 400 C: 20% detergent, auto coolant, kerosene, motor oil, caustic solution (pH 13.5)

PACKAGING

15 Litre

SINCE 1977

LIMITATIONS

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

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 DUROPROOF™ Polyurethane Membrane, it can be applied as follows: Providing the DUROPROOF™ Polyurethane membrane is clean, dry and that the DUROPROOF™ ATC is being applied within 48 hours of applying the DUROPROOF™ Polyurethane Membrane - no other preparation is required.

SUITABLE SURFACES

DUROPROOF™ ATC have been formulated as top coat over DUROPROOF™ Polyurethane Membranes.

APPLICATION

Apply ATC to Polyurethane Membrane by brush and or roller, usually in one or two coats at the rate of 3m per litre per coat, so that the minimum dry film thickness is 300 microns. When dry check for pin holes or misses and rectify if necessary.

SLIP RESISTANT FINISH

The following slip resistance rating was achieved by broadcasting 250gms of DUROGRIT per square metre of applied DUROPROOF™ ATC.

TEST	RATING	TEST METHOD
Dry Friction (with Durogrit)	D1	(AS 4586)
Wet Friction (with Durogrit)	P5	(AS 4586)

COVERAGE

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique. DUROPROOF™ ATC: Generally, 3m per litre per coat.

COLOUR

Grey.

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 DUROPROOF™ ATC is weather resistant within 6 to 8 hours with full cure within 24 hours.

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 Specifications section on durotechindustries.com.au.

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 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 CAUTION

Spills are difficult to remove. Wet tools can be cleaned with DUROTECH XYLENE. Do not allow any of these products to enter drains and waterways.

SAFETY & PRECAUTIONS

Refer to the DUROPROOF™ ATC Material Safety Data Sheet available on the Durotech website. DUROPROOF™ ATC is flammable. Keep all flames and ignition sources away from the product. The wearing of gloves, goggles, coveralls and safety footwear is highly recommended.DUROPROOF™ ATC is a Class 3 dangerous goods which must be declared prior to transportation. For full safety details refer to the products Material Safety Data Sheet available on durotechindustries.com.au. For further information about this product contact technical department of Durotech Industries 1300 434 272.

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