

## KEMSEAL ATC Top-Coat

### DESCRIPTION

Kemseal ATC is a moisture cured single-component aliphatic polyurethane top coat for over polyurethane membranes in UV exposed external areas. It has good elongation, superior UV resistance, easy to clean and is foot trafficable.

### PRINCIPLE CHARACTERISTICS

- Single component
- Simple application- liquid applied
- Good elasticity 250%
- UV Resistant
- Easy to Clean
- Foot Trafficable
- Good adhesion to suitably prepared base coats

### USE AREAS

- UV Protective top coat
- Over new polyurethane membranes
- Over aged membranes for re-coating and restoration

### GENERAL

**COVERAGE:** 0.3 Litres/ m<sup>2</sup>

**SHELF LIFE:** 12 months in cool environment.

**TOUCH DRY:** 4-8hours

**RECOAT:** 24 hours

**THINNING:** Xylene

**SOLVENT RESISTANCE:** Not Resistant

**ELONGATION:** 250%

**SOLIDS CONTENT:** 85% by weight

**WEATHER RESISTANCE:** UV Resistant

**SHORE A HARDNESS:** 60 ASTM D 2240

## INSTALLATION

**SURFACE PREPARATION:** Ensure membrane coatings are newly installed to manufacturers directions. For re-coating aged membranes, ensure existing membrane is properly adhered and sound condition. Surface must be free of dirt, dust, loose particles, oil, contaminates etc. Coat new PU membrane applications within timeframe window for re-coating, or re-activate prior to application with Xylene solvent wipe. Surface must be dry. Fill all screw holes, cracks and voids with Kemseal PU Sealant. Aged surfaces may require water-blasting to remove chalked surfaces.

**PRIMER:** Kemseal PU is usually applied directly over freshly applied polyurethane membrane, Some polyurethane membranes may require priming with Kemseal SP1 Primer, or Kemseal WBE water-based epoxy up to 50%. Prime damp areas and areas subject to rising damp with Kemseal WBE. Allow to fully cure prior to membrane application.

**APPLICATION:** To the prepared surface, apply Kemseal ATC by brush, roller or spray in one or more coats to achieve a minimum dry film thickness of 0.2mm externally. This will require approximately 0.3 L/m<sup>2</sup>. Ensure consistent continuous coverage over entire base coat membranes. When dry, check for pinholes or misses and rectify if necessary. Re-coat within 24hrs. If membrane becomes dirty between coats, clean with xylene to ensure adhesion. Allow 24-36 hours to dry before walking on.

**PRECAUTIONS:** Do not use Kemseal ATC top coat in any situation beyond its physical limitations. Do not apply above 35°C or below 8°C ambient temperature. Wash equipment with xylene before dry. Protect membrane against physical damage and moisture until fully cured. Follow all safety guideline on MSDS sheet when handling this material.

***Disclaimer:**The user is responsible to follow current data sheets. The information shown here is as up to date and correct in detail as possible and is intended to give a fair description of the product and its capabilities based on actual service history. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. As the use of this material is beyond the manufacturers control, no guarantee expressed or implied is made as to such. Liability is limited to replacement of material proved faulty. Site Inspections, suggestions made or application instructions by Kemforte Systems, given verbally or in writing are always to be reviewed by; installers, contractors, consultants and building owners responsible for design and/or installation to ensure they are appropriate to the specific application or area of use, prior to application. Kemforte Systems terms and conditions of sale apply.*

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