



# COATLOK™ ATC

## TECHNICAL DATA SHEET

COATLOK™ ATC is a two-component, low emission, colored aliphatic polyurethane topcoat.

COATLOK™ ATC is used as color-stable, UV-resistant elastic top finish for polyurethane/ polyurea/ hybrid polyurea coating and waterproofing systems. The product is mainly used for both exterior and interior applications, including finishing of resin floor coatings.

The applied topcoat has high wear resistance, durability and resistance to various climatic influences.

COATLOK™ ATC can be brush, roller or airless spray applied

TECHNICAL DATA	
Chemical composition	A component (base resin) – polyurethane resin, functional additives, colorant B component (hardener) – aliphatic isocyanate
Mixing Ratio (A to B) by weight	5.00 : 1.00
Solids content	≥ 98%
Density of a liquid mixture (A + B) @ 20°C	1.30 g/cm <sup>3</sup>
Pot life	≥ 30 min
Working time	approx. 30 min
Curing time (“through-dry”) @ 20°C	≤ 24 hrs
Abrasion resistance (“Taber” abraser) (CS-10 wheel, 1 kg load, 1000 cycles)	60 mg
Material consumption	By nap / short-pile roller: 0.10-0.11 kg/m <sup>2</sup> per layer (depending on the surface roughness) By airless spray: 0.13-0.15 kg/m <sup>2</sup> per layer (excluding natural losses) It is recommended to apply at least two layers.

RECOMMENDED APPLICATION CONDITIONS*	
Surface requirements	The surface has to be clean, dry and free of contaminants such as dust, oil, grease, old paint.
Temperature (surface, material & ambient air)	+10°C to +25°C

\*It is the sole responsibility of the applicator to process and apply COATLOK™ ATC within specification.

RECOMMENDED APPLICATION PROCEDURE*
<p>COATLOK™ ATC is delivered in 2 component containers in the exact mixing ratio. Before starting the application, the material must be stored indoors until the ambient temperature (the temperature of the air and the substrate) is reached. Mix component A thoroughly and add the contents of component B. Mix again with an electric mixer at low speed (300-400 revs/min) for at least 3 minutes until the mix is completely blended. The inclusion of air in the mixing process should be avoided.</p> <p>The prepared mixture of components can be poured onto the surface in small portions and evenly distributed using a roller with a short pile or a rubber squeegee in one direction over the entire surface. Then it is distributed with a microfibre roller with a short pile (about 6-8 mm) and uniformly processed with a second roller in one direction. Puddles should be avoided.</p>

**General Requirements:** Substrate must be at least 5°C above dew point, with a maximum relative humidity of 75%. Substrate must also be free of moisture (dew or frost), grease, oil, solvents and other materials that would adversely affect adhesion of the product. This product must not be used when the continuous service temperature of the substrate or product is below -30°C or above 60°C.

**Disclaimer:** The information herein is to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred. All patent rights are reserved. The product is combustible and must be protected in accordance with applicable codes. Protect from direct flame and spark contact, around hot work for example. The exclusive remedy for all proven claims is replacement of our materials.