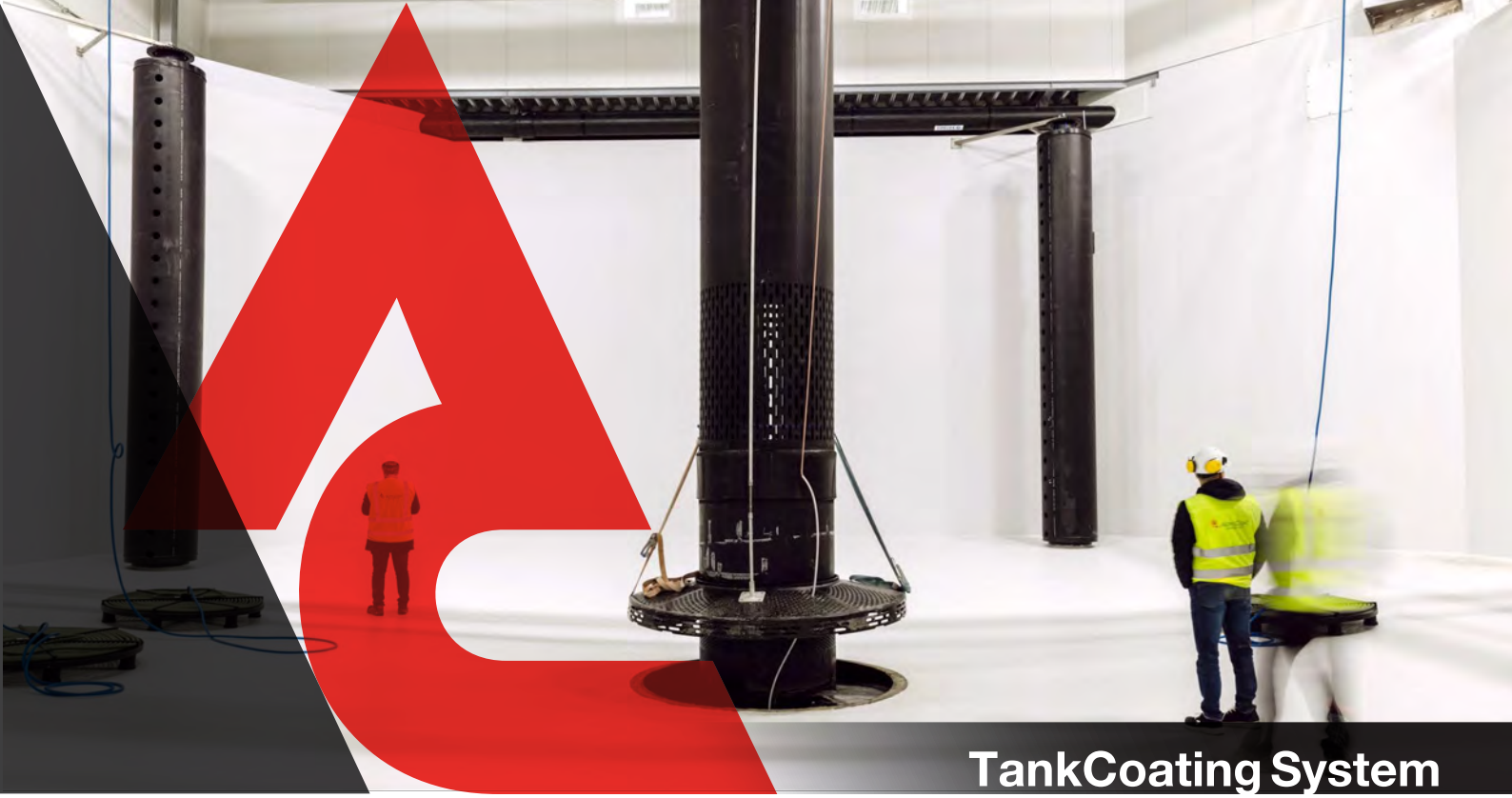


TankCoating System

Description and uses

The Acrylicon TankCoating System is our bespoke mono-colour coating system for land-based fisheries, water treatment facilities and other industrial areas in need of a robust easy to clean solution to protect its construction. The TankCoating System can be used for all vertical and horizontal surfaces to obtain a hygienic, easy to clean environment. Widely used in land-based fisheries, water rinsing stations, bio-gas tanks and industrial areas and sectors where non-toxic and robust protection is needed. This gives a long-lasting protection of the concrete that provides waterproofing, chemical protection and good hygiene and aesthetics.

It is easy to apply and combined with a 2 hour curing time it gives a great advantage compared to traditional tank systems.

Specification

Product	Acrylicon TankCoating System - Preparatory work and application in accordance with suppliers instructions.
Finish	Satin
Thickness	2 mm
Colour	Approx. RAL 7035, RAL 7001, RAL 7030 All other colours upon request.
Supplier	AcryliCon Polymers GmbH (Germany).

Key features and benefits

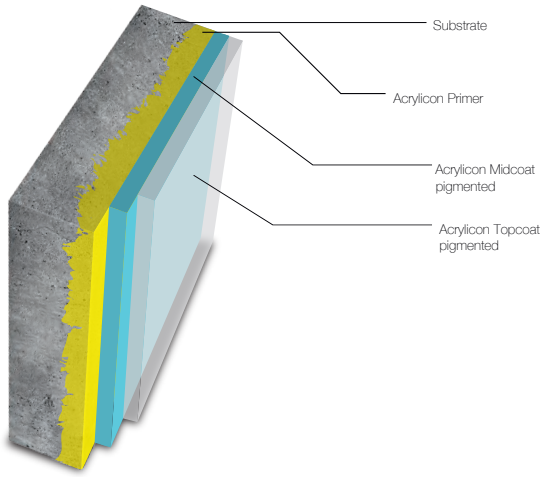
- Hard wearing - Excellent resistance and mechanical strenght
- 1-2 hours cure time - rapid installation and minimum downtime.
- Low emissions - our products are solvent-free and contain very low VOC's.
- Chemical bond/cure - a truly seamless coating with no cold joints and virtually no risk of delamination.
- Decorative finish - great aesthetics, UV stable and available in a wide range of colours.
- Long lasting - our systems do not degrade or become brittle with use.
- Fast track application all year round. Cold applied, no heating required.

To find your nearest AcryliCon office please visit our website:

www.acrylicon.com

AcryliCon®
Quality Resin Solutions

System



Technical Information

Flexural Strength EN 196-1 (DIN1164)	19 N/mm^2 / 2,750 psi
Water Permeability DIN / EN 1062-3:2008	<0.001 kg/(m^2.h$^{0.5}$)
Tensile Adhesion Strength DIN / EN 1542:1999	Concrete: >2.0 MPa
Temperature Resistance	Tolerant of sustained temperatures up to 60°C/140°F
Abrasion Resistance EN ISO 5470-1 (Taber)	166 mg (average mass loss)
Shore D DIN EN 48-4, ISO 868	85
Chemical Resistance EN13529	Excellent

The technical properties of the AcryliCon system are evaluated to EN or ISO standards and the results are average values, delivered under proper installation procedures and recommended conditions.

Cleaning and Maintenance

Can be cleaned in line with current hygiene legislation and best practice. The use of a degreaser is recommended. Due to AcryliCon's unique ability to chemically bond throughout the life of the system, any repairs needed due to external damage or alterations can be easily achieved.

Cure Time

The Acrylicon TankCoating System is fully cured within 2 hours after installation and can be put into full use by the customer.

Properties and Application

Acrylicon TankCoating System resins are solvent-free, of medium viscosity and non-toxic when cured. Acrylicon Midcoat pigmented is a slightly elasticised resin.

Acrylicon Topcoat pigmented is used as a wear resistant seal coat. The curing time is about 1 hour at 20°C/68°F (ambient). The lowest application temperature(substrate and material) is 0°C/32°F. AcryliCon can sometimes provide solutions for installations down to -25°C / -13°F.

Substrate

The substrate must be solid, free of dirt, oil, dust and other contaminants that would prevent bonding. Acrylicon TankCoating System can be applied onto the substrate Relativeat a Humidity of up 95%. Acrylicon TankCoating System can be applied to substrates assuch tiles, concrete and boards (for example Whiterock). For further advice please contact your nearest AcryliCon office.

Disclaimer

This information and all further technical advice is based on intensive research and many years experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. We reserve the right to make technical alterations during the course of further development. The customer is not released from the obligation of checking our data and recommendations for the suitability of their own particular application. Performance of the product described herein should be verified by testing, which we recommend be carried out only by qualified experts and is the sole responsibility of the customer.

ALL-CERT
DIN EN ISO 9001
DIN EN ISO 14001

CE

This product has been manufactured under the controls established by an ALL-CERT approved management system that conforms with EN1504-2, ISO 9001:2015 and ISO 14001:2015.

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www.acrylicon.com

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