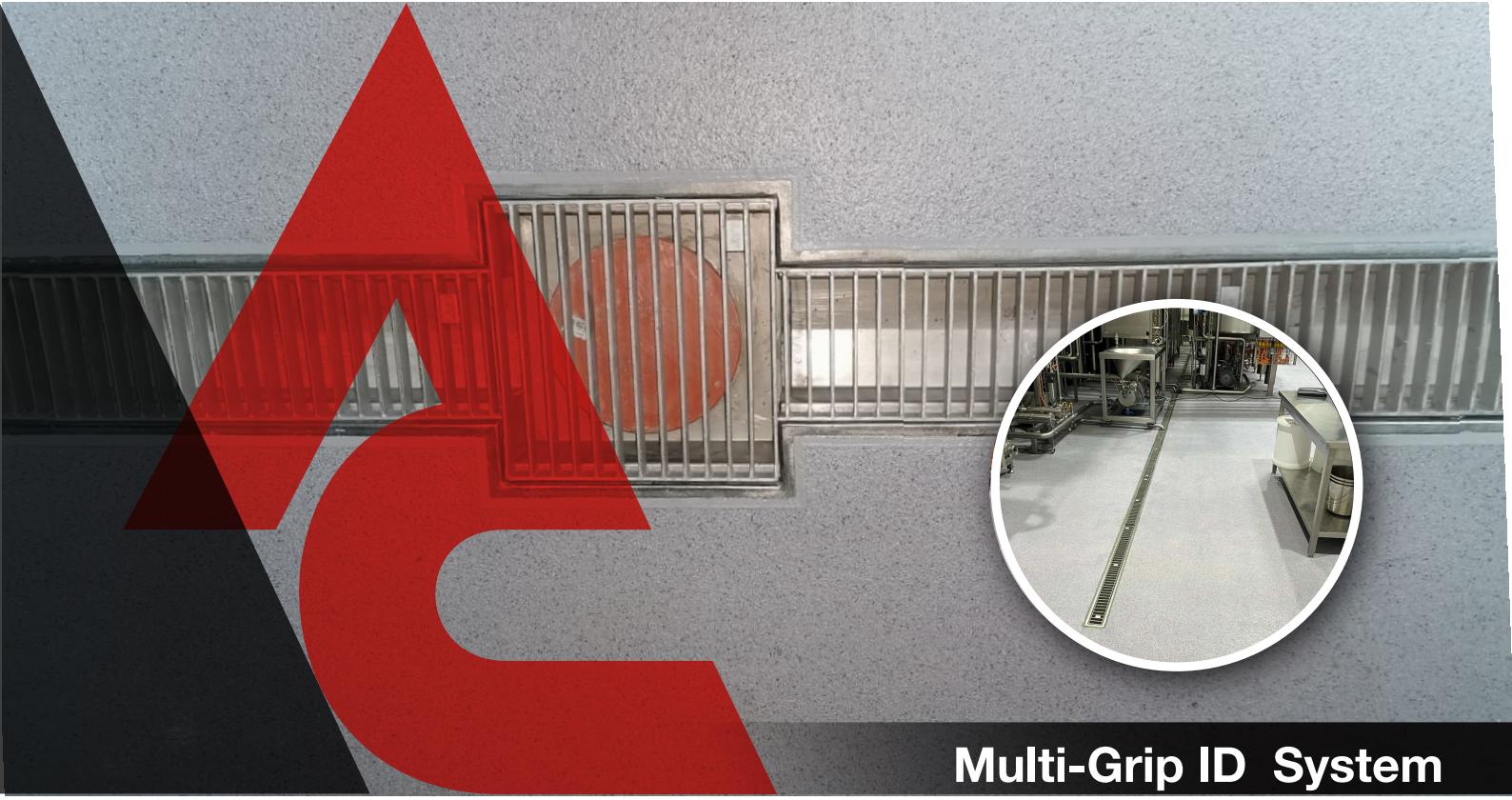


Multi-Grip ID System

Description and uses

The Acrylicon Multi-Grip ID System is an industrial broadcast coating with exceptional resistance to wear. It can be coloured by quartz. Slip-resistance is in-built within the system and can be tailored to suit clients needs. The thickness of the system is 2 - 3 mm.

The system is suitable for retail, warehouses, light industry, packaging areas, prep kitchens, and other indoor areas with high traffic. Due to the speed of cure - just 2 hours - and fast installation, Multi-Grip ID can dramatically reduce the down time of an area compared with traditional epoxy coatings.

Specification

Product	Acrylicon Multi-Grip ID System - Preparatory work and application in accordance with suppliers instructions.
Finish	Satin
Thickness	2 - 3 mm
Colour	A wide range of colours available, consult the Acrylicon Quartz Colour chart for details.
Supplier	AcryliCon Polymers GmbH (Germany).

Key features and benefits

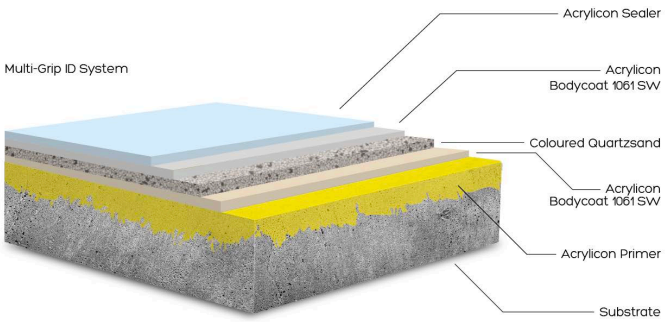
- Hard wearing - exceptional resistance to chemicals, abrasion, impact and fire.
- 1-2 hours cure time - rapid installation and minimum downtime.
- Low emissions - our products are solvent-free and contain very low VOC's.
- Chemical bond/cure - a truly seamless floor with no cold joints and virtually no risk of delamination.
- Slip resistant - our floors exceed minimum safety requirements and can be tailored to each area.
- Long lasting - our floors do not degrade or become brittle with use.

To find your nearest AcryliCon office please visit our website:

www.acrylicon.com

AcryliCon®
Quality Resin Solutions

System



Cleaning and Maintenance

Clean regularly using a mechanical Scrubber/Dryer. Cylindrical machines with a built in vacuum are best suited in combination with a neutral degreaser. Contact your nearest AcryliCon office for advice.

Cure Time

The Acrylicon Multi-Grip ID System is fully cured within 2 hours after installation and may be put into full use by the customer.

Properties and Application

Acrylicon Primer, Acrylicon Bodycoat 1061 SW and Acrylicon Sealer are transparent, solvent-free, medium viscosity and non-toxic when cured. Pigmented Acrylicon Bodycoat 1061 SW is used to obtain tough mono-colour floors. Acrylicon Sealer is used as a colourless, 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 provide solutions for installations at temperatures down to -25°C/-13°F.

Substrate

The concrete strength must not be less than 22.5N/mm^2 (3250psi). Cores may be required for laboratory testing if any doubt exists. The substrate must be solid, free of dirt, oil, dust and other contaminants that would prevent bonding. It is necessary to protect the substrate from rising moisture and ground water pressure. Acrylicon systems can be applied onto 28 day old concrete at a Relative Humidity of up to 95%. Should there be any doubt about the moisture in the concrete, an insulated hygrometer is recommended for testing the vapour leaving the substrate. In situations requiring rapid installation, AcryliCon can provide fast cure systems as alternatives to traditional concrete. AcryliCon systems can also bond to other substrates. For further advice please contact your nearest AcryliCon office.

Technical Information

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
Slip Resistance DIN 51130 (German Ramp Method) Dry	R9 – R13 Classification
Slip Resistance BS 7976 (TRL Pendulum Test)	Dry: 88 Wet: 68
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
Compressive Strength DIN EN ISO 604	80 N/mm^2
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.

Life Expectancy

In excess of 10 years, subject to correct installation conditions and substrate preparation. Life expectancy is generally influenced by the use of the system and maintenance regime. Please note, being a thermo-plastic system with in-built slip-resistance it is prone to tyre marking, however this does not effect the integrity or performance of the floor coating.

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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