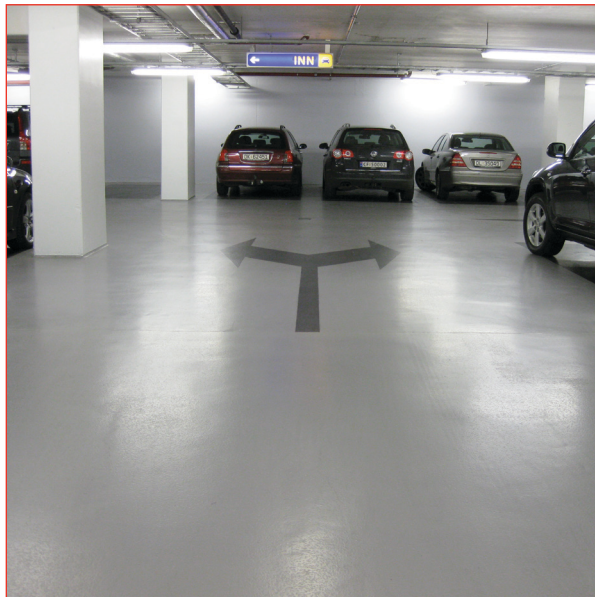


VARIANT SYSTEM (1-3mm)



ACRYLICON VARIANT SYSTEM IS A MONO-COLOUR SELF LEVELLING SYSTEM. IT CAN BE LAID IN VARIOUS THICKNESS FROM 1MM TO 3MM DEPENDING ON THE LEVEL OF IMPACT RESISTANCE REQUIRED. WITH A 98 N/MM2 COMPRESSIVE STRENGTH, ACRYLICON VARIANT SYSTEM IS ULTRA-CLEANABLE. SLIP RESISTANCE CAN BE ALTERED TO SUIT EXACT REQUIREMENTS.

VARIANT SYSTEM (1-3mm)

USES

Designed for heavy industry and cleanability. Suitable for use in heavy engineering, car parks, laboratories, clean rooms, paper mills etc.

PROPERTIES AND APPLICATION

Acrylicon Decor Primer, Body and Top coat resins are transparent, solvent free, medium viscous, non yellowing, non-toxic, 2 component modified methyl-methacrylate resins. Acrylicon 1061SW is used as a body coat to obtain tough/elastic pigmented floors. Acrylicon 1071M is used as a colourless, wear resistant sealer and top coat. Acrylicon 1071M with Primer Additive 77 becomes the primer resin. The curing time is about 1 hour at 20degC (ambient). The lowest application temperature (substrate and material temperature) is 5degC.

MATERIAL CONSUMPTION

Primer/Top Seal - approximately 0.6 – 0.9L/m.sq. depending on substrate porosity.

Body Coat 1mm – approximately 0.6 – 1.0L/m.sq with 0.5-0.6kg Acrylicon Filler Millisil depending on substrate evenness.

Body Coat 2-3mm – approximately 1.2 – 1.8L/m.sq with 2.0-2.4kg Acrylicon Filler Millisil depending on substrate evenness.

SUBSTRATE

The strength must not be less than 22.5N/mm (3250psi). Cores may be required for laboratory testing if any doubt exists. The substrate must be solid, free of loose particles and dirt, and be oil and dust free for all applications. Generally for concrete substrates, the allowable moisture content must not exceed 5% by weight approximately 28 days after installation. Since Acrylicon has a low vapour permeability, it acts, for all practical purposes as a vapour barrier. Therefore it is necessary to protect the substrate from ground water and/or rising moisture. If no damp proof membrane is provided, Acrylicon Flexible System 368 can be used.

TECHNICAL INFORMATION

Compressive Strength (DIN1164):	98N/mm.sq.
Flexural Strength (DIN1164):	37N/mm.sq.
Tensile Strength (DIN53255):	54N/mm.sq.
Ball Indentation hardness (DIN53456):	141N/mm.sq.
Modulus of Elasticity (DIN53457):	40,000kp/cm.sq
Water Absorption 4 days (DIN53495):	less than 0.1%
Elongation at Fracture (DIN53445):	43%
Temperature Resistance:	Sustained resistance up to 70degC
Chemical Resistance:	Good to most Acids, Alkalis, Oils and Fats, Solvents and Organics.
Slip Resistant:	>61CofF Wet HSE

CURE TIME

Full chemical cure: 2 hours

CLEANING AND MAINTENANCE

Clean regularly using mechanical Scrubber/Dryer type equipment. Cylindrical machines with built in vacuum are best suited. Combine with degreaser or Acrylicon Cleaning Solution. Due to Acrylicon's unique ability to chemically bond, any repairs needed due to damage or extensions, can be effected throughout the life of the floor. Contact Acrylicon , for advice.

LIFE EXPECTANCY

In excess of 30 years, subject to correct installation condition, substrate preparation and maintenance regime.

SPECIFICATION

Product: Acrylicon

Finish: Satin

Thickness: 1mm, 2mm or 3mm

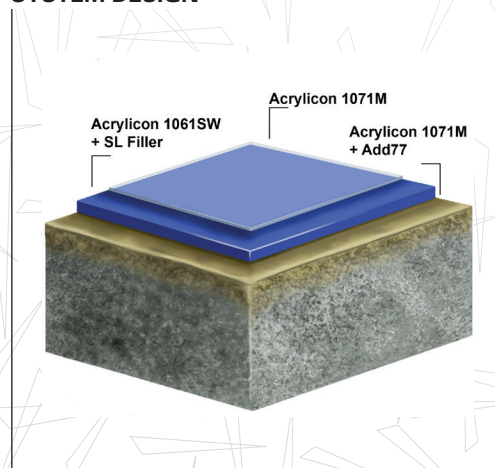
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Preparatory work and application in accordance with suppliers instructions.

Supplier: Acrylicon Ireland Ltd

Telephone: 00353 45 884916

SYSTEM DESIGN



DISCLAIMER

This information and all further technical advice is based on intensive research and many years of 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 in the sole responsibility of the customer.