

## TECHNICAL DATA SHEET

## D113

V2-21/03/2024

### WATER BASED ACRITHANE

#### DESCRIPTION

A twin pack acrylic-based polyurethane floor coating which is extremely tough and has a non-slip surface, even in cold and wet conditions.

#### PROPERTIES

- Non-slip and safe to walk on
- Abrasion resistant
- Weather resistant
- Excellent adhesion to most substrates including concrete, wood, primed metal and fiberglass.
- Good chemical resistance
- Excellent gloss retention

#### TECHNICAL INFORMATION

The figures listed in the table are typical properties achieved in laboratory tests at 25°C and at 50% relative humidity

<b>COLOUR</b>	: Clear
<b>Nº. OF COMPONENTS</b>	: 2
<b>MIXING RATIO (VOL)</b>	: 9 : 1
<b>CONSISTENCY</b>	: Liquid
<b>VOLUME SOLIDS</b>	: 32%
<b>MIXED DENSITY</b>	: 1.04
<b>PRACTICAL SPREAD RATES</b>	: 8 - 10m <sup>2</sup> /ℓ
<b>DRY FILM THICKNESS</b>	: + -40µm
<b>POT LIFE @ 25°C</b>	: 2 hrs
<b>TOUCH DRY @ 25°C</b>	: 3 hrs
<b>HARD DRY @ 25°C</b>	: 12 hrs
<b>OVERCOATING TIME</b>	: 6 hrs
<b>APPLICATION METHOD</b>	: Brush, Mohair Roller
<b>APPLICATION TEMPERATURE</b>	: 10 to 40°C
<b>RECOMMENDED NO. OF COATS</b>	: 2
<b>CLEANER</b>	: Water
<b>SHELF LIFE</b>	: 12 months
<b>PACK SIZE</b>	: 5 & 20 litres

#### CHEMICAL RESISTANCE

- Good resistance to spillage of most dilute solutions of acid and alkalis
- Good resistance to aliphatic solvents, alcohols, grease and oil
- Resistant to cleaning chemicals at recommended dilutions
- Good stain resistance to foodstuffs such as coffee, tomato sauce, mustard etc.

#### SURFACE PREPARATION

- Old or new concrete must be clean and mechanically sound, free of dust, laitance and oil contamination.
- Grinding or shot blasting is recommended.
- All imperfections, blow holes or cracks to be repaired and smoothed off prior to priming.
- Existing coatings must be washed, rinsed and abraded with diamond grinder.

#### CONCRETE FLOOR FINISHES

When used as a sealer onto existing Epoxy or Polyurethane floor finishes, ensure surface is abraded with 40 grit paper and solventwiped immediately, prior to application.

#### INSTALLATION SERVICE

The installation should be carried out by a Pendong approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team.

#### FURTHER INFORMATION

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below to register your interest in specifying one of the most durable floors on the market.

#### HEALTH & SAFETY

Although P113 is water based and safe to apply it is recommended that the relevant 16-point Material Safety Data Sheet

*The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.*



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