

Technical Data Sheet

FORTIS AQUA COAT

FEATURES

- Low odour, ultra low VOC
- High solids
- Long pot life
- Easy to roll
- Water thinnable
- Excellent adhesion
- High build application
- Can be applied over damp concrete

TYPICAL APPLICATION

- Suitable as primer and topcoat
- Internal applications
- Seamless flake flooring

TECHNICAL DATA

Color : Clear, N35, N44, X43*
Mix ratio: 3 parts A to 1 part B (vol)
Work time: 30-60 minutes
Film Thickness: 150µm per coat
Coverage Rate: 5-7m²/litre
Recoat : 8-24hrs
Tack free: 4-8 hours (temperature and humidity dependent)
Foot traffic: 24 hours
Vehicle traffic: 72 hours
Final Cure: 7 Days
Number of Coats: 2-3
Colour Stability: Yellows on exposure



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FORTIS AQUA COAT is an ultra-low VOC, high solids, high build, two-pack water based epoxy floor coating designed for use on concrete floors in areas of pedestrian traffic, light to medium vehicle traffic, and where mild spillage is expected. The very low odour present during application also makes it ideal for use in schools, healthcare facilities, food service areas, office buildings, or in any area where odour is an issue. Fortis Aqua Coat is recommended for internal use, and is available in a range of colours.

APPLICATION

Fortis Aqua Coat can be applied by brush or roller. Mixed material should be poured out in ribbons across the area to be rolled. A 270mm microfibre 5mm NAP roller cover is recommended. It is important to back-roll to ensure even application and to break any bubbles that may have formed from pinholes.

SURFACE PREPARATION

Substrates should be thoroughly sanded or ground to provide a keyed surface. If applying over existing coatings adhesion should be tested by preparation of a small test area. Remove all potential contaminants. On new concrete surfaces it is best to diamond grind the surface. Old surfaces are best diamond ground but it is possible to etch and clean the surface. Contact Fortis if unsure. Fortis Aqua Coat Clear is recommended as a primer prior to application of a coloured coat. New concrete must be cured for a minimum of 28 days prior to application.

MIXING

Ensure Fortis Aqua Coat Base (Part A) is mixed thoroughly prior to use. The mixing ratio for Fortis Aqua Coat is 3 Parts Base (Part A) to 1 Part Activator (Part B) by volume; graduated plastic mixing containers are recommended for measuring volumetric quantities. Fortis Aqua Coat is provided as full kits that can be mixed with care in original packaging. Part B is to be added to Part A and mixed at low speed with a Jiffy style mechanical mixer. Care should be taken to minimize air introduced during mixing. Mix until a smooth and creamy emulsion is formed, free of striations. This should take approximately 2 minutes. Ensure material from the bottom and edges of the drum are sufficiently mixed. Mix for an additional 2 minutes. Fortis Aqua Coat can be thinned 10-15% with water. Do not thin prior to mixing of components A & B.

Disclaimer

Fortis products should be used in accordance with the information contained here. Each user should read and consider this information carefully in the context of how the products will be handled and used in the workplace including in conjunction with other products. While the information contained here is to the best of our knowledge at the date of publication, Fortis makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Fortis Adhesives & Coatings office directly. Fortis products are sold without express or implied warranties, other than as provided by statute, and subject to our standard terms and conditions (provided to customers and available on request). Subject to our standard terms and conditions, and any statutory provisions, Fortis accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Fortis Adhesives & Coatings products or reliance upon the information contained here

ENGINEERING DATA

Volume solids: 63% coloured, 45% clear
VOC content: <10 g/L
Application temperature: 10-35°C

LIMITATIONS

Not recommended for exterior use as product will yellow.

Avoid working in conditions that could cause condensation to form on the uncured coating.

CLEAN UP

Equipment can be cleaned with water immediately after use. Hardened materials must be removed mechanically.

SAFETY

Refer to material safety data sheet. Avoid skin contact. Mix and apply with adequate fresh ventilation. Contents are flammable. Keep away from fire or naked flame.

PACK SIZE

4L and 16L kits

SHELF LIFE

12mths @ 25°C unopened

*For further information, refer to the Fortis website www.fortisadhesives.com.au It contains not only the Safety Data Sheets but also technical bulletins on coatings applications and surface preparation.*For full information on range of colours available, please see Fortis website.*