

# FORTIS COAT 823 PRIME



**FORTIS COAT 823 PRIME** is a medium solids, low viscosity, clear, solvent based two-pack epoxy floor primer designed for sealing concrete and improving adhesion. This product is designed to penetrate and seal concrete floors and provide improved adhesion for subsequent coatings. **FORTIS COAT 823 PRIME** is recommended as a primer coat for seamless epoxy flake flooring, and is recommended to be overcoated with **FORTIS COAT 823 HS**, then **FORTIS COAT UVS**. **FORTIS COAT 823 PRIME** is also suitable as a two-coat system for sealing and dustproofing concrete floors.

<b>Features and Benefits</b>	<ul style="list-style-type: none"> <li>• Low viscosity</li> <li>• Excellent penetration</li> <li>• Improves adhesion</li> <li>• Excellent abrasion and scratch resistance</li> <li>• Low temperature cure</li> <li>• Ideal primer for seamless flake</li> <li>• Economical</li> </ul>
<b>Typical Applications</b>	<ul style="list-style-type: none"> <li>• Primer and sealer for concrete or render</li> <li>• Dustproofing floors</li> <li>• Seamless flake flooring primer</li> </ul>
<b>Properties</b>	<ul style="list-style-type: none"> <li>• Mix ratio: 1 Parts A to 1 Part B (vol)</li> <li>• Work time: 20-30 minutes</li> <li>• Coverage Rate: 8-14m<sup>2</sup>/L (subject to porosity of surface)</li> <li>• Recoat: 3-4 hours</li> <li>• Maximum recoat window: 48 hours</li> <li>• Foot traffic: 12 hours</li> <li>• Final Cure: 7 Days</li> <li>• Number of Coats: 1-2</li> <li>• Colour Stability: Suitable for internal</li> <li>• VOC content: ≈500 g/L</li> <li>• Application temperature: 5-35°C</li> </ul>
<b>Colours</b>	<ul style="list-style-type: none"> <li>• Clear</li> </ul>
<b>Pack Size</b>	8L and 40L Kits
<b>Shelf Life</b>	12 months @ 25°C unopened
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Refer to Safety Data Sheet prior to use</li> <li>• Good industrial hygiene practices should be observed at all times</li> <li>• Appropriate PPE should be worn including impervious gloves &amp; eye wear</li> </ul>
<b>Storage</b>	Store in cool, dry conditions, out of direct sunlight and in a well-ventilated area. Do not store below 5°C or over 40°C
<b>Surface Preparation</b>	Substrates should be clean and free of loose material, old coatings, curing membranes, oils, and grease. 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, but it is possible to etch and clean the surface. Contact Fortis if unsure. New concrete must be cured for a minimum of 28 days prior to application.
<b>Mixing</b>	Ensure <b>FORTIS COAT 823 PRIME</b> Part A and B are shaken prior to pouring and mixing. The mixing ratio for <b>FORTIS COAT 823 PRIME</b> is 1 Part Resin (Part A) to 1 Part Hardener (Part B) by volume; graduated plastic mixing containers are recommended for measuring volumetric quantities. Part B is to be added to Part A and mixed at low speed with a Jiffy style mechanical mixer. Mix only enough material for immediate use. Care should be taken to minimize air introduced during mixing. Mix until a smooth and homogeneous mixture is formed, free of striations. This should take

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approximately 2 minutes. Ensure material from the bottom and edges of the pail are sufficiently mixed. Mix for an additional minute.

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<b>Application</b>	<b>FORTIS COAT 823 PRIME</b> can be applied by brush, roller or broom. Mixed material should be poured into a roller tray and applied to achieve a continuous and even coverage.
<b>Clean-Up</b>	Equipment can be cleaned with xylene or acetone immediately after use. Hardened materials must be removed mechanically.
<b>Limitations</b>	Not suitable for exterior or direct sunlight applications (must be screened by glass).  Avoid working in conditions that could cause condensation to form on the uncured coating.

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For further information, including Safety Data Sheets and Technical Bulletins on adhesive applications and surface preparation, refer to the Fortis website [www.fortisadhesives.com.au](http://www.fortisadhesives.com.au).

**Disclaimer** - Fortis products should be used in accordance with the information contained herein. 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 herein 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. 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 herein.

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Manufacturers of a range of Industrial Adhesives, Floor Coatings and Concrete Repair Systems. From Epoxy to Polyaspartic, Polyurethane to PVA, and with our Industry leading Technical Support, Fortis has you covered.