

Technical Data Sheet

FORTIS ULTRASPART

FEATURES

- High solids
- UV stable (aliphatic)
- Rapid return to service
- Low VOC
- Excellent chemical resistance
- Excellent abrasion and impact resistance
- Excellent adhesion to metal, wood, concrete, etc.

TYPICAL APPLICATION

- Light to severe industrial
- Domestic projects
- Commercial projects
- Seamless flake flooring
- UV resistant top coat

TECHNICAL DATA

Mix ratio: 1 parts A to 1 part B (vol)
 Work time: 15-20 minutes
 Film Thickness: 100µm per coat (80-250)
 Coverage Rate: 5m²/L (2-10)
 Recoat: 2-24hrs
 Tack free: 1 to 2 hours
 Light foot traffic: 3-5 hours
 Return to service: 24 hours
 Final Cure: 7 Days
 Number of Coats: 1+



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FORTIS ULTRASPART is a two-component, low VOC, aliphatic polyaspartic coating designed as a UV stable topcoat for polyurea and polyurethane systems, or as a standalone rapid return to service system over properly prepared substrates. It is colour stable and non-yellowing, exhibiting excellent UV resistance. It is available in a range of colours.

APPLICATION

Mixed material should be poured out in ribbons across the area to be rolled. A 270mm microfibre 5mm NAP roller cover is recommended. The roller should be rolled dry every 10-18m² to prevent the roller becoming tacky and increase the roller's life. Do not excessively overwork the coating. It is important to back-roll to ensure even application and to break any balloons that may have formed from pinholes. Replace roller cover every 50-90m². To achieve a non-slip finish, colour chip or flake floor, refer to the relevant Fortis technical bulletin.

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. New concrete must be cured for a minimum of 28 days prior to application.

MIXING

Ensure Fortis ULTRASPART Part A is mixed thoroughly prior to use. The mixing ratio for Fortis ULTRASPART is 1:1 by volume; graduated plastic mixing containers are recommended for measuring volumetric quantities. It is not typically recommended to mix more than 6L of Fortis ULTRASPART (sufficient material for 10 minutes of rolling). 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 & uniform emulsion is formed, free of striations. This should take approximately 90 seconds. Each 10-minute batch should be mixed in a new container. Once the material cures, it can be removed, and these containers may be re-used.

ENGINEERING DATA

Volume solids: 95%
 VOC content: <50 g/L
 Application temperature: -10 to +35°C

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

SUBSTRATES

Fortis ULTRASPART is ideal for areas that require rapid return to service and require exceptional abrasion, chemical, and UV resistance. It is suitable as flooring in light to severe industrial and commercial settings, domestic garages and driveways, top coating industrial equipment, and provides resistance to most chemicals, abrasion, and corrosion. Fortis ULTRASPART is ideal for use as a colour chip or vinyl flake floor system.

LIMITATIONS

Mixed material should be poured quickly and not left as a bulk amount in mixing container.

Some colors may need a white primer. Please refer to www.fortisadhesives.com.au

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

CLEAN UP

Equipment can be cleaned with Xylene or Acetone immediately after use. Hardened materials must be removed mechanically.

SAFETY

Contains Isocyanates: refer to material safety data sheet.

PACK SIZE

8L and 20L kits

COLOURS

Clear, Light Grey (N35), Bridge Grey (N44), Beige (X43), Black (N61), White (N14), Golden Yellow (Y14), Jade (G21)

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