

Technical Data Sheet



INSTANT FLOOR POLYASPARTIC

FEATURES

- 100% 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+

Con-Treat Pty Ltd
11/80-82 Township Drive
Burleigh Heads,
Queensland, Australia, 4220
www.contreat.com.au
1300 044 625

Instant Floor is a two-component, low VOC, aliphatic polyaspartic coating designed as a UV stable topcoat for polyurea and polyurethane systems. Instant Floor can also be used as a standalone rapid return to service system over properly prepared substrates. It is colour stable, as well as non-yellowing and exhibits 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 5-7mm 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 the roller cover every 50-90m².

To achieve a non-slip finish with colour chip or flake floor systems, please refer to the relevant *Con-Treat technical bulletin*.

SURFACE PREPARATION

Substrates should be thoroughly sanded or diamond 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, however it is possible to acid etch and clean the surface if necessary. Contact Con-Treat if unsure. New concrete must be cured to conform to 75% moisture content prior to application.

MIXING

Ensure Con-Treat Instant Floor Part A is mixed thoroughly prior to use. The mixing ratio for Con-Treat Instant Floor 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 Con-Treat Instant Floor (*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. Extreme care should be taken, as to not introduce air in to the mixing process. Mix until a smooth & uniform emulsion is formed, free of striations. This should take approximately 90 seconds. Each new 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: 100%
VOC content: <50 g/L

Disclaimer

Con-Treat 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, Con-Treat makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Con-Treat directly. Con-Treat 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, Con-Treat accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Con-Treat products or reliance upon the information contained herein

SUBSTRATES

Con-Treat Instant Floor is ideal for areas that require rapid return to service and require exceptional abrasion, chemical, and UV resistance. It provides a durable surface for the heaviest of trafficked areas and can also be used in domestic garages/driveways. Instant Floor provides resistance to most chemicals, abrasion/corrosion and is perfect 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.contreat.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

Instant Floor Contains Isocyanates: refer to the 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)

SHELF LIFE

12mths @ 25°C unopened

For further information, refer to the Con-Treat website www.contreat.com.au. It contains not only the Safety Data Sheets but also technical bulletins on coatings applications and surface preparation