

Dulux Avista Crack Repair Kit



Solvent free, general purpose, epoxy crack repair kit

Description

Avista Crack Repair Kit is a three-component, low viscosity, epoxy resin system to which clean fine sand needs to be added to produce epoxy mortars having a variety of consistencies.

Uses

Combining with clean fine sand to produce a crack filling mortar for minor cracks in concrete.

Advantages

- Early development of initial hardness, minimises maintenance disruption
- Unaffected by a wide range of acids, alkalis and industrial chemicals
- Up to 90 MPa compressive strength - depending on mix consistency
- Versatile mixing consistencies for a wide range of applications
- Can be overcoated with Avista Resin Epoxy, tinted Avista Waterbased Epoxy or Avista Resurfacing products

Technical support

Parchem offers a comprehensive range of high performance, high quality concrete repair and construction products. In addition, Parchem offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Design criteria

A variety of consistencies can be obtained when Avista Crack Repair Kit is mixed with clean fine sand.

Refer to application on Sand Epoxy mix designs.

Application Instructions

Preparation

Before cleaning surface, chase cracks out using an angle grinder (with a V segment blade attached) to a depth of 10mm and width 5mm. Using a general purpose cleaner and a pressure cleaner blast the cracks whilst acid washing and cleaning the concrete.

Once cracks are dry and ready for filling pour or trowel mixture into crack and fill to the top of concrete. (Any excess can be ground flat once cured.)

Once the mixture has filled the entire crack put a dry shake of sand over the entire area to create a course key for overcoating.

Mixing

Mix 1 litre base to 500ml of hardener and then add 4.5L fine clean sand. Mix with a drill fitted with a helical mixer.

Note: The actual quantity of sand used will depend on sand type used and desired mix consistency.

Pot Life

Pot life approx 25 mins, cure time approx 12 hours depending on ambient conditions.

Cleaning

Avista Crack Repair Kit should be removed from all tools by using Avista Solvent.

Storage

Shelf life

Shelf life is 5 years when kept in its original, un-opened packaging and stored in dry conditions between 10°C and 25°C with 55% relative humidity, away from direct sunlight and moisture.

Storage conditions

Store in dry conditions in the original, unopened packs. If stored at high temperatures, the shelf life may be reduced.

Supply

FC378187-1.5L AVS EPOXY CONCRETE CRACK REPAIR 1.5L

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Dulux Avista website www.duluxavista.com.au. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In an emergency, contact any Poisons Information Centre (Telephone 131 126 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Dulux Avista does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

