

AUAV00117 Dulux Avista Epoxy Concrete Crack Repair Kit

Introduction

Product Code
FC378187-1.5L

Product Overview and Image

Dulux Avista Crack Repair Kit is a two-component, low viscosity, epoxy resin system to which clean fine sand needs to be added to produce epoxy crack filling mortar.




Product Category
Concrete Repair

Features and Benefits

- Early development of initial hardness, minimises maintenance disruption.
- Unaffected by a wide range of acids, alkalis and industrial chemicals
- Up to 90MPa compressive strength
- Can be overcoated with Dulux Avista Resin Epoxy, tinted Dulux Avista Water based Epoxy or Dulux Avista Resurfacing products.

Uses

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

Typical Properties			
Components 2	Mixing Ratio 1L base to 500ml hardener and 4.5L fine clean sand		
Shelf Life 5 years when kept in original, un-opened packaging and stored in dry conditions between 10 and 25 degrees with 55% relative humidity away from direct sunlight and moisture.	Pot Life Approx 25mins once mixed, cure time approx 12 hrs depending on ambient conditions		
Yield 6L			
Clean Up Dulux Avista Solvent			
Application Methods  Trowel			
Specifications	Solids by Volume <div>100</div>		
Drying Time			
	Min	Max	Recommended
Recoat Time (min/hours)	<div>12hours</div>	<div></div>	<div>12hours</div>

Application Guide
<p>Surface Preparation</p> <p>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.</p>
<p>Application Procedure and Equipment</p> <p>Mixing Mix 1L 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.</p> <p>Pour or trowel mixture into crack and fill to the top of concrete (any excess can be ground flat once cured).</p> <p>Once the mixture has filled the entire crack put a dry shake of sand over the entire area to create a coarse key for overcoating.</p>

Health and Safety	
SDS Number Part A: PAR000391	SDS Link View SDS Link
SDS Number Part B: PAR000392	SDS Link View SDS Link
Please refer to SDS Link. In case of emergency, please call 1800 220 770.	

Precautions and Limitations

Surface needs to be completely dry and free of moisture.
Cracks may appear if surface is unstable
Not to be used under clear or coloured sealer

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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