



ADHERE BONDS
The Versatile Construction Chemicals

ADHEREX 3D TRANSPARENT EPOXY

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is a two-component, solvent-free low viscosity epoxy clear designed with excellent wetting, leveling and abrasion resistance properties.

FEATURES

- Solvent-free, low odour
- Excellent wetting and leveling
- High abrasion resistance

APPLICATION AREAS

Ideal to be used as a clear abrasion resistance topcoat on decorative elements such as coloured flakes, quartz, or plain finishes.

PHYSICAL PROPERTIES

Chemical Composition	Solvent-free
Colour	Clear
Finish	High gloss
Density,mixed	1.10 ± 0.03g/cm ³ @ 28°C
Appox mixed	500 - 700 mPas@28°C
Solid Content,	100%

PERFORMANCE DATA

Adhesive strength	>1.5 N/mm ² (Concrete failure) (ASTM D4541)
Compressive Strength	>85N/mm ² (ASTM C579)
Flexural strength	>40 N/mm ² (ASTM C580)
Taber Abraser Wear Index	<80mg/1000 revolutions (ASTM D4060,CS-17)
Shore D Hardness	>80(ASTM D2240)

APPLICATION GUIDE

Mixing Ratio (by weight)	Part A	Part B
	64	36
Recommended Thickness	1000 micron (1mm)	

Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

Mixing Ratio (by weight)	Part A	Part B
	64	36
Recommended Thickness	1000 micron (1mm)	
Recoating time	Within 12 - 24 hrs@28°C	
Pot Life	25 mins@28°C	
Curing time	30°C	
	Foot Traffic (hrs)	12
	Light Traffic (days)	3
	Exposure to chemicals (days)	7
Recommended application temperature range	Minimum 15°C Maximum 35°C	
Relative Humidity	<85%	

SUBSTRATE REQUIREMENT

- Concrete or screed substrate should be a minimum of 25 N/mm² and adhesive pull off strength of 1.5 N/mm², free from laitance, dust and other contamination. The substrate should be dried up to 85% RH as per BS8204 and free from rising damp and ground water pressure.

SURFACE PREPARATION

- Concrete substrate must be clean, free of laitance and contaminants.
- The concrete substrate must be dry and waterproofed against negative ground water pressure.
- Prepare the concrete substrate surface by captive shot blasting, scarifying or mechanical grinding. Repair damaged area and patch up cracks and holes a Adhere ULM (Under Lay Mortar)

STORAGE AND SHELF LIFE : 24months(A & B)

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Coats Pvt Ltd

