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Based on Nuplex
Epoxy Technology

K85 RAPID SET POURABLE GROUT

DESCRIPTION:

K85 is a pourable epoxy grout with very rapid setting properties.

FEATURES

- Rapid set
- Pourable
- Water resistant
- High strength

BENEFITS

- Very little site down time
- Easy to use
- Exterior use
- Civil construction

NORMAL END USES:

- Bolt grouting
- Bridge plate setting
- Channel filling
- Filling prior to other flooring.

TYPICAL PROPERTIES:

	<u>RESIN</u>	<u>HARDENER</u>	
Appearance:	Opaque filled paste	Strong smelling fluid	
Specific Gravity:	1.70	1.0	
Flash Point:	>100°C	>100°C	
Shelf Life:	>12 months	>12 months	
Pack:		1 litre kit	
MIX RATIO:	<u>by weight</u>	<u>by volume</u>	
Resin	5	3.2	
Hardener	1	1	
POT LIFE:	<u>12°C</u>	<u>@ 15°C</u>	<u>@ 20°C</u>
(Usable Life)	15 minutes	10 minutes	5 minutes

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NUPLEX K85 (cont'd)**CURE TIME:**

1-2 hours at 18°C depending on casting size

COVERAGE:Use by volume as required (0.001m³ = 1Lt)**SURFACE PREPARATION:**

Concrete: Acid etch, shot blast, grind clean and free from oil and dirt

Metals: Grind to clean, bright surface

MIXING INSTRUCTIONS:

Carefully mix the product according to the stated mix ratio. The mix ratio is the only acceptable formula. Increased hardener levels result in a weaker product. Mix until uniform and no streakiness is evident.

APPLICATION:

As the product is very **rapid** setting ensure the parts to be bonded are cleaned and prepared and ready to be bonded. Mix as above. The product's cure rate can be altered by either cooling or heating the 2 parts before mixing. Pour the mixed K85 as appropriate.

HEALTH AND SAFETY:

Use gloves wherever possible. Wash hands with warm, soapy water after any skin contact. Re-seal all container tightly. Clean up with Eposolve 70.

CURED PROPERTIES:

Maximum Operating Temperature:	65°C
Density kg/L:	1.2
Compressive Strength MPa:	80 - 90
Tensile Strength MPa:	N/A
Tensile Bond Strength MPa:	N/A
Flexural Strength:	N/A

OTHER EPOXY PRODUCTS:

K80	Pourable Grout	K214	General Purpose Adhesive
K102	H.V. Mortar	K36	Clear Laminating Resin
K125	Paste	K78	Crack Repair
K230	Fast Set Paste	K85	Rapid Set Pourable
K273	Low Temp Paste		Fairing Cream Sandable Smoothing Paste
K268	Rapid Set Paste		
K106	Structural 24 hour Adhesive		
K219	Structural 5 minutes Adhesive		
K138	High Strength, Structural Heat Resistant Adhesive		
K2005	High Peel Strength, Structural Adhesive		
Repikit 310	Concrete Crack Repair Tube and Kit		