

## PRIMER S

Multi-Purpose Epoxy Clear / Primer Coat

### GENERAL DESCRIPTION

AXEL PRIMER S is a two components epoxy system designed to seal and fill air voids and small holes in concrete structures. AXEL PRIMER S is a polyamine based epoxy.

### RECOMMENDED USES

Use as epoxy clear / primer coat. Suitable for concrete, timber, stone substrate etc.

### CHARACTERISTICS & ADVANTAGES

- \* Good bonding strength
- \* Non – toxic in cured form
- \* Easy to apply
- \* Resistant to biological attack
- \* Good penetration

### COVERAGE

4 - 5 m<sup>2</sup> per litre  
(Coverage may vary depending on the porosity of substrate)

### COLOURS

Clear Amber

### PACKING

5 kg per set	(Part A: 3 kg per bottle	Part B: 2 kg per bottle)
20 kg per set	(Part A: 12 kg per pail	Part B: 8 kg per pail)

### STORAGE

Store in a dry, cool and shaded place.



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### SURFACE PREPARATIONS

The substrate must be sound, clean and free from oil, grease, curing compounds, loose particles and other contaminants. Cleaning may be accomplished, in some cases, by blowing the crack with high pressure air. Cracks in high traffic areas may require high pressure water jetting (3000 – 5000 psi) to remove the silt line and allow maximum penetration. Make sure the surface is dry before apply. New concrete structures should be dry for at least 28 days.

### METHOD OF APPLICATION

- \* Can applied by brush, roller or spray.
- \* Mix **AXEL PRIMER S** part A and part B homogenously with low speed mechanical mixer. Over stirring should be avoided, in order to prevent air entrapment in the material.
- \* **AXEL PRIMER S** will be harden and cannot be kept once Part A and Part B are mixed together. Thus, mixing according to required usage to prevent material wastage.
- \* Allow at least 24 hours curing for optimum performance.

### CLEANING OF TOOLS

Clean all tools and application equipment with solvent immediately after use. Hardened or cured material can only be mechanically removed.

### TECHNICAL SPECIFICATIONS

No. of components	Two	
Mixing Ratio	A:B 1.5:1	
Compressive strength	55 Mpa (8000 psi)	ASTM D-695
Tensile strength	13.8 Mpa (2000 psi)	ASTM D-638
Flexural strength	20.6 Mpa (3000 psi)	ASTM D-790
Flexural modulus of elasticity	13.8 Mpa (2000 psi)	ASTM D-790
Elongation	15%	ASTM D-638
Recoating Interval	12 hours ( <i>Times will be affected by changing ambient conditions particularly temperature and relative humidity.</i> )	

### SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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