



SpECTite PRIMER EP121

MEDIUM VISCOSITY 2K SOLVENT-FREE EPOXY PRIMER FOR CONCRETE AND STEEL

DESCRIPTION

SpECTite Primer EP121 is a two-part, solvent-free, medium viscosity epoxy primer used prior to the application of SpECTite Polyurea P/H for concrete and steel surfaces.

TYPICAL USES

Excellent bonding between **Concrete/Steel** and **Polyurea**.

ADVANTAGES

- Solvent-free.
- Exceptional adhesion to concrete, steel and most of the common construction substrates.
- Formulated at 1:1 ratio by volume for easy mixing and application at site.

TECHNICAL DATA

Typical Properties @ 25±3 °C

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| Appearance | Clear to Amber medium viscous when mixed |
| Touch Dry | 6 - 10 hours |
| Solids by weight | ~100% |
| Application Temperature -°C | 05 - 40 |
| Mixed density - Kg/m³ | 1050±50 |
| Adhesion to concrete | Higher than the cohesive strength of concrete |

METHOD OF APPLICATION

Surface Preparation

Remove the dust, dirt, oil, grease and any loose particles which may affect the bonding. for old concrete surface, remove existing coatings mechanically, and check for the soundness of concrete. Cracks and damaged areas should be filled/repared using suitable cementitious/epoxy repairing materials and

putties. For steel, grit blast the surface to SA 2 ½ profile.

Mixing and Application

SpECTite Primer EP121 is supplied as a pre-weighed 2 component pack. The contents of hardener pack should be emptied completely into the base pack and mixed with slow speed light duty mixing drill and paddle. Alternatively, for smaller quantity mixes, take equally quantities by volume from base and hardener, and mix with hand blender or a spatula. The mixed product can then be applied on to the prepared substrate using a brush or roller. Care should be taken at highly porous and critical areas, to apply with a brush at scribbling action.

EQUIPMENT CLEANING

SpECTite Primer EP121 may be removed with **SpECTite Cleaning Fluid** immediately after use.

Cured material can only be removed mechanically.

PACKAGING AND YIELD

SpECTite Primer EP121 is supplied in 18 litre units. Application rate is 10-20 m²/l/coat with 50µ to 100µ thickness.

STORAGE AND SHELF LIFE

SpECTite Primer EP121 has a shelf life of 12 months when stored in original, unopened containers in a cool, dry environment.

HEALTH AND SAFETY

Contact with skin and eyes should be avoided.

FLAMMABILITY

SpECTite Primer EP121 is non-flammable.

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