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CI/SFB

Vn6

TECHNICAL DATA SHEET TDS186  
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## SEALOCURE AC SUPER

### DESCRIPTION

SEALOCURE AC SUPER is a non degrading clear sealer based on a formulated clear acrylic resin. It forms an elastic durable matrix within cementitious substrates and additionally meets ASTM C309 curing standards. SEALOCURE AC SUPER can be used on its own, but will also accept a variety of subsequent finishes including epoxy, vinyl, acrylic and alkyd paints and cementitious renders.

### USES

- \* Impregnation and hardening of concrete, brick and natural stone.
- \* Protective and waterproofing coating for concrete and repair mortars.
- \* Non degrading concrete curing membrane and primer.

### ADVANTAGES

- \* **MULTIPURPOSE**  
Penetrates, hardens and protects concrete.
- \* **COLOUR STABLE.**  
Does not yellow under weathering.
- \* **CONTROLS MOISTURE LOSS**  
Reduces shrinkage and cracking on new concrete. Meets ASTM C309 standards.
- \* **IMPROVES DURABILITY** - more efficient hydration.
- \* **REDUCES LABOUR COSTS** - eliminates need for damp hessian, sand or polyethylene.

### TECHNICAL DATA

Appearance	Clear Liquid
Specific Gravity	0.85
Viscosity @ 20°C	9.5cP
Flash Point (Abel )	42°C
Application Temp.	+4 to +40°C
Touch Dry	2 – 4 hours
Full Dry	24 hours
Tensile Bond Strength to concrete	1.7N/mm <sup>2</sup>
Slant Shear Bond Strength BS6319 : Part 4	New grout to old concrete: = 45N/mm <sup>2</sup> New grout to SEALOCURE = 21N/mm <sup>2</sup>
Curing:	Water loss 0.30kg/m <sup>2</sup> at an application rate of 0.14L/m <sup>2</sup>
Efficiency:	90% when applied at 7.4 m <sup>2</sup> / litre.
Standards:	Conforms to ASTM C309 Type 1. Class B BS7542 :1992

### COVERAGE

Coverage is dependant on surface and application conditions but will typically be between 4.5 – 6m<sup>2</sup>/ litre

### PACKAGING

SEALOCURE AC SUPER is available in 25 and 210 litre drums.

## METHOD OF USE

### Surface Preparation

Old substrates should be sound, clean and free of oil and old finishes. Clean with a hot neutral detergent or by grinding. Remove all dust from the surface prior to application. Penetration is best on dry surfaces, but acceptable adhesion can be obtained on damp surfaces.

As a curing membrane, SEALOCURE AC SUPER should be applied to newly laid concrete as soon as the surface water has disappeared.

### Mixing and Application

SEALOCURE AC SUPER is supplied in a ready to use form and does not require mixing.

A protective application to existing or repaired substrates can be carried out with a brush, roller or spray. Apply a complete even coating. For anti-carbonation coating a subsequent coating is recommended applied 6- 8 hours later.

Where a matt finish is required only one coat is needed. Penetration can be improved on impervious substrates by thinning with THINNERS No.3. In this case a second coat is usually required.

Adhesion tests have shown that bonding of subsequent paint coats is not impaired by the presence of SEALOCURE AC SUPER. Paint types tested were, epoxy, vinyl, alkyd, acrylic latex and solvented acrylic.

*We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.*

Adhesion of plaster to coated surfaces is substantially aided by the incorporation of SEALOTAK SBR into the mix at a level of 10%.

**Curing Fresh Concrete:** Use a conventional pressure spray with a fine nozzle, applying a complete even coating. Good results have been obtained from a 'Falcon No. 10 ' spray unit at a pressure of 35psi. A further coat may be applied after 6 – 8 hours to increase the protective properties of 'as struck' concrete.

### Equipment Cleaning

Immediately after use the spraying equipment should be cleaned out with THINNERS No. 3.

### STORAGE

SEALOCURE AC SUPER is a flammable product and should be stored in a cool, dry, well ventilated place away from sunlight or sources of ignition. Shell life is 12 months when stored as directed in unused sealed containers.

### HANDLING

SEALOCURE AC SUPER is solvent based and skin and eye contact should be avoided by the use of suitable protective equipment. For further information, refer to the relevant Health and Safety Data Sheet.

