TECHNICAL DATA SHEET

SPEC-CRETE SUPERSEAL B66- (ITEM CODE: JAN-205)

ACRYLIC-BASED FLOOR SEALER

Superseal B66 is a solvent based acrylic curing and sealing treatment for new or existing concrete to provide a dustproof finish. Used on interior and exterior surfaces, giving an easy to clean area as well as being resistant to penetration of most oils and liquids. Provides excellent adhesion and cures to a hard wearing surface.
Ideal for warehouses, garages, industrial areas, car parks, facing stones and similar areas.

ADVANTAGES

Easy Application – Simply brush on, roller application or spray apply

Durability – Increases abrasion resistance of treated floors

Non-Dusting – Totally seals the surface, preventing dusting

Color – Clear grade gloss

Adhesion – Will not prevent the bond of a wide range of subsequent treatments

UV LIGHT STABILITY
Superseal B66 has excellent resistance to fading and yellowing in external applications.

CURING EFFICIENCY & TIME

A single coat of **Superseal B66** applied at a rate of 5 – 6 m^2 per litre exceeds the 75% requirement of normal building standards. **Superseal B66** dries rapidly at ambient temperature in approximately 15 – 20 minutes to touch and will be fully cured after 24 hours. (Quoted coverage may vary due to porosity of surfaces)

GENERAL PROPERTIES

Appearance	: Clear, colourless liquid
Odor	: Solvent
% Solids	: 25% Solids

CHEMICAL RESISTANCE

Superseal B66 is resistant to spills of most acids and alkalines (with the exception of 99% Sulfuric Acid)

Hydrochloric Acid	10%
Nitric Acid	10%
Sodium Hydroxide	40%
Potassium Hydroxide	40%
Vegetable Oil	100%
Mineral Oil	100%
Motor Oil	100%

Good maintenance is essential in areas where chemical spillage is likely to occur. It is especially important that such spillage should not be allowed to dry as higher concentrations of chemicals may result.

LIMITATIONS

Superseal B66 should only be applied in well-ventilated areas.
Superseal B66 should not be applied on floors which do not have a proper moisture barrier.
Superseal B66 is not to be applied to concrete and clay tiles surfaces where there is rising damp.
Do not use on areas where it is known in advance that **Superseal B66** must be removed at the end of the curing period, or where screeds, grouts or subsequent concrete placements are to be bonded.
Do not use for curing static disseminating concrete floors.
In external situations, do not apply if rain is likely to occur during application or before **Superseal** B66 becomes tack-free

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LP #45 Saddle Road, San Juan, Trinidad & Tobago.
Tel: 1-(868) 675-5555 | Fax: 1-(868) 638-6302 | E-mail: sales@scl-group.com | Website: www.scl-group.com
TRINIDAD | JAMAICA | ST. LUCIA | GUYANA

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DIRECTIONS

GENERAL
As **Superseal B66** is a thin coating, the substrate must be fine-textured, as any surface irregularity may show through and causes excessive wear and tear on high spots. If a non-slip finish is desired, a single coat of sealer is recommended. Under site conditions a single coat of sealer uniformly applied at a rate of 5 – 6 m^2 per litre will meet curing requirements, however varying absorbtion is likely to occur. Therefore of aesthetic as well as technical consideration a second coat applied at a rate of 7 – 9 m^2 per litre is recommended.

NEW FLOORS
Superseal B66 should preferably be spray applied to the concrete surface. For a permanent membrane, the surface of the concrete must have been worked (e.g. power floated or brushed) after the disappearance of bleed water in order to remove any laitance layer. The concrete should be left for a further 10 minutes before application of first coat. Only after the surface is completely dry should a second coat (if desired) be applied.

EXISTING FLOORS
Surfaces to be treated must be structurally sound and free from loose material. Repair any cracks or holes with Nitomortar resin repair compounds. Oil and grease contaminated surfaces should be treated with a suitable chemical degreaser (Mulsolv RTU or Triple) washed with clean water and allowed to dry to gain maximum benefit. **Remove any laitance or existing coatings, which would prevent Superseal B66 from penetrating the concrete surface.**

PREPARATION OF SHUTTERED SURFACES
Superseal B66 should be applied as soon as possible after shutter removal. The concrete should not be wetted after the removal but the surface should be inspected for laitance, grout runs and other loose material, which must be removed before spraying.

APPLICATION

Do not apply **Superseal B66** while free water remains on the surface. **Superseal B66** should be uniformly applied by brush, roller or spray to the concrete surface. Do not overlap applications. Various types of spraying equipment are suitable for the application of **Superseal B66** including knapsack and motorized sprayers.
When sprayed, the nozzle should be held approximately 500 mm from the surface and passed back and forth to ensure complete coverage. The pressure on the pump must be maintained at all times to produce a fine spray. Where a surface seal is required, a second coat of **Superseal B66** can be applied, either within a 24 hour period of the first coat, or at any subsequent time providing the surface is dry, clean and free of all contaminants. It is important that all applications are uniformly applied without thick or ponded areas, which will adversely affect the quality of the finish.

CLEANING
Immediately after use, all equipment should be cleaned using Gasoline, Tinners substitute or Xylene. Special attention should be paid to the line and nozzles of spraying equipment

CAUTION

This product contains solvents and is flammable. Store in a shaded area, away from open flames or sparks. Use in well ventilated areas.

OTHER SPECIALIST PRODUCTS INCLUDE:

KONKLEEN – Acid based etching agent and cleaner
TRIPLE – Degreaser and cleaner
MULSOLV RTU – Solvent-based Degreaser

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