

Thomsit

Screeed Repair Resin

(SRR)

Solvent Free Low Viscosity Repair Resin For Case Hardening Weak or Friable Screeds

- ▷ very low viscosity
- ▷ solvent free
- ▷ excellent penetration
- ▷ very high cured strength
- ▷ Can also be used as part of a DPM system for calcium screed with R 755

Description

Solvent free two components low viscosity resin repair system, gives high sealing and penetration to weak and friable screeds An ultra low viscosity, solvent free liquid for strengthening and restoration of failed cement/sand screeds to Category A, BS 8204 Table 1, (BRE Screed Tester). Thomsit SRR penetrates into the defective screed, filling voids and binding loose particles together to provide a high strength repair.

Properties

Low viscosity 2-part epoxy resin, solvent free, very high final strength, high shear strength

Substrates

The substrate must be free from structural defects, permanently dry and free from laitance, dust, surface treatments or contamination, which would impair the bond of the Thomsit product(s). It may be necessary to mechanically prepare the surface of the substrate.

TESTING: In Situ Crushing Resistance (ISCR) - both pre and post installation - can be assessed using a BRE screed tester to BS 8204 Table 1.

Application

Mix components A & B together using a low speed drill (600-800rpm) with suitable mixing paddle or attachment, mix for a minimum of 2-3 minutes for a 10kg batch, for batches larger than 10kg increase mixing by 1 minute per 2.5kg increases in weight. Once mixed pour the material onto the surface of the floor and distribute using a squeegee. Application should be made to refusal, ensuring all material has soaked into the floor until a surface film is created, during application, re-coat sections that absorb the resin quickly and/or produce air bubbles in the wet material. Ensure the surface is fully coated with no holes allow to fully cure. When using with R 755 allow the first coat of SSR to fully cure before applying R 755

N.B do not leave the product at mass in the container, as this will considerably accelerate setting.

Technical Information

Colour	Part A Resin: Clear Part B Hardener: Yellow to pale brown
Supplied as	Liquids
Viscosity	Part A: 500 mPa.s Part B: 50 mPas
Mixing ratio	2(A):1(B) by weight or volume
Consumption	Approximately 3-5 kg/m ² dependent on porosity of the screed. Weaker, more porous screeds may require up to 5kg/m ²
Initial setting	*6 hours
Final setting	* 24 hours
Pot Life	* Approx. 20 minutes
Minimum application temperature	>15°C Substrate temperature should be a minimum 3°C above dew point. Air humidity should be below 75% RH
Solids Content	A & B: 100%
Temperature sensitivity of material	N/A
Temperature sensitivity after setting	N/A
Storage	12 months under normal climatic conditions
Packaging	IBC Containers (supplied in 3 units)

* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

Health & Safety

Protect eyes and skin. If the product comes into contact with skin rinse off with clean water. If the product comes into contact with eyes, rinse with clean water immediately and seek medical advice. Where appropriate, wear suitable Personal Protective Equipment (PPE) e.g. gloves, eye protection. For further advice, please read the relevant Thomsit Safety Data Sheets, available upon request.



Care should be taken. Inform & protect others during use

Disposal

European waste code number (EWC): 08 04 09, Do not pour directly into drains. Dispose of in accordance with local regulations. Dispose of empty container in accordance with local regulations, or where appropriate recycle.

The information contained herein is general and not intended to be specific to any substrate, project or product system. The information is based on our experience to-date and the results of continuous and careful testing. Varying conditions and methods of use will influence the practical application of this product. The products optimum performance is also dependent upon the professional judgment of the user and their conformity to proper trade practice, relevant standards and codes of practice for installation, which are factors outside of our control.

The issue of this Thomsit / BSDL Product Information Sheet supersedes all previous information relevant to this product.

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