

TEKCEM SRS

Consolidation and improvement of strength to failed or poorly compacted screeds.



OVERVIEW

TEKCEM SRS is a two pack, low viscosity, solvent free, epoxy resin penetrating sealer and binder. It can be used for restoring and strengthening poorly compacted, low strength or otherwise failed screeds.

TEKCEM SRS works by penetrating the screed, filling voids and consolidating loose particles.

TEKCEM SRS is supplied as two pre-weighed components that are mixed immediately prior to application.

TECHNICAL DATA

Working time at 20°C	20 minutes
Overcoat window at 20°C	6-24 hours
Foot trafficable at 20°C	6 hours
Pack / unit size	2.5kg or 10kg

TOOLS REQUIRED

- Slow speed drill and paddle
- Squeegee or other suitable applicator

Wash all tools thoroughly with water directly after use.

SURFACE PREPARATION

The surface should be mechanically prepared to fully expose the underlying screed. All dust should be removed from the surface by vacuuming.

TEKCEM SRS will not penetrate wet concrete or screed and should not be applied to substrates with a relative humidity greater than 75%.

STORAGE AND SHELF LIFE

Store in dry conditions between 10°C and 25°C. Do not exposure to freezing conditions. TEKCEM SRS has a 12 month shelf life when stored in original, unopened containers in line with the manufacturer's guidance.

MIXING

Pour the contents of container B into container A and thoroughly mix using a spiral mixing paddle and slow speed drill until a uniform consistency is achieved. Pour out and spread immediately after mixing, as an exothermic reaction will reduce the working time.

BENEFITS

- Strong and durable
- Easily applied
- Clear finish
- Solvent free and low odour

COVERAGE

Coverage is dependant on the degree of compaction of the screed to be repaired. A small test area should be used to determine coverage.

As a guide, 3-5kg of TEKCEM SRS may be required per square metre for a 50mm screed.

SCREED SYSTEMS

TEKCEM SRS can be used on all traditional screed systems.

APPLICATION

TEKCEM SRS should not be applied at temperatures below 10°C and the container should be conditioned at 15-25°C for 24 hours before use.

Pour the product over the prepared screed immediately after mixing and spread using a squeegee or roller to ensure even penetration into the screed. Continue to apply TEKCEM SRS until no further resin is absorbed.

A fine aggregate may be scattered over the surface to provide a mechanical key for further toppings. Alternatively, apply a second coat of TEKCEM SRS and sand blind once the first coat of product has been allowed to cure for a minimum of 6 hours.

HEALTH AND SAFETY

This product is not classified under the Chemicals Hazard Information and Packaging for Supply Regulations. A Material Safety Data Sheet relating to this product can be obtained from TEKCEM LTD. Please dispose of packaging and waste responsibly.

WARNING

Whilst the information provided in this datasheet is true and accurate to the best of our knowledge, it may contain information which is unsuitable under certain circumstances since materials, site conditions and method of application vary with each application.

TEKCEM LTD cannot be held responsible for any loss or damage due to incorrect use or from the possibility of variations in working conditions and/or workmanship beyond our control. The user alone is responsible for any consequences deriving from the product.