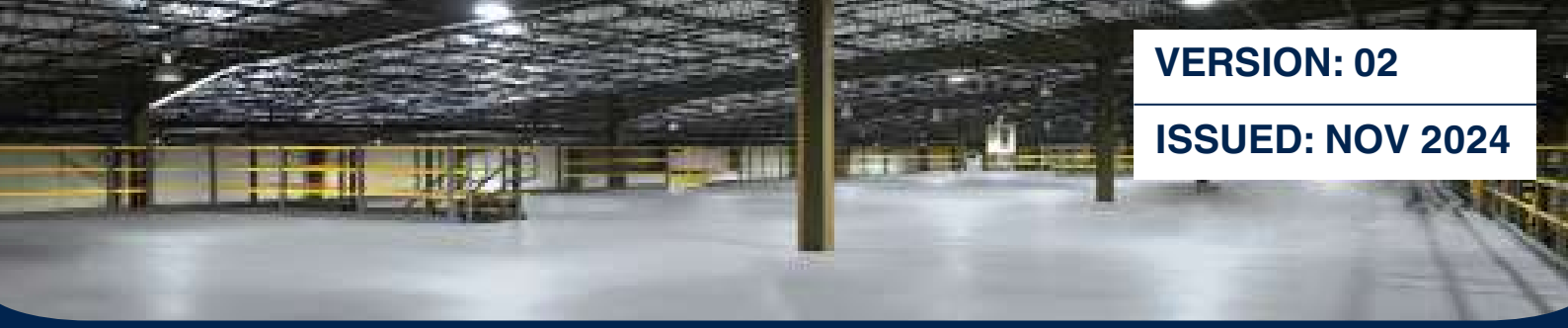

VERSION: 02

ISSUED: NOV 2024

LARSEN FLOORING

TECHNICAL DATA SHEET

Self Levelling Compound SLC1500 FLEX

SINGLE PACK

SELF-SMOOTHING

CAN BE LAID UP TO 6mm

PROTEIN-FREE

SMOOTH FINISH

30min OPEN TIME

FOOT TRAFFIC IN 4 HOURS

Self-Levelling Compound is a 1-part cementitious smoothing underlayment. It is manufactured from a controlled blend of special sands, cements and polymers and exhibits high flow properties making it both self-levelling and smoothing. Self-Levelling Compound is suitable for levelling most common subfloors such as sand/cement screed and concrete.

British Association Landscape Industries ACCREDITED

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THE TILE ASSOCIATION

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NATIONAL TILING ASSOCIATION OF IRELAND LTD

Interpave THE PRECAST CONCRETE PAVING AND KERB ASSOCIATION

For further information, consult our Technical Department.

Belfast **028 9077 4000** Birmingham **028 9053 5409** Dublin **01 8348255**

LarsenBuildingProducts.com

TECHNICAL DATA SHEET

PRODUCT INFORMATION

FORM	Granular
STANDARD COLOUR(S):	Grey
MAXIMUM AGGREGATE SIZE:	0.6 mm
HAZARD INFORMATION	IRRITANT – Consult Safety Datasheet before use
CLEANING	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING	20kg and 11kg multi-wall paper sacks and 5kg plastic bags
STORAGE INSTRUCTIONS	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE	6 months in unopened manufacturer's packaging

APPLICATION INFORMATION

WATER DEMAND	3.6 - 4 L per 20kg bag
APPLIATION TEMPERATURE	+5°C to +30°C
WORKING TIME:	Approx. 30 minutes
BED THICKNESS	Up to 6mm
TIME TO TRAFFIC	Light Foot Traffic - after 4 hours Full Traffic - after 1 - 2 days Covering - after 1 - 2 days (depending on site conditions)
COVERAGE	20 kg will cover approx 4.0 m2 @ 3mm

PERFORMANCE INFORMATION

SHRINKAGE*	< 0.2%
SCREED STRENGTH CLASS (BS EN 13813):	CT – C16 –F4
SCREED COMPRESSIVE STRENGTH*:	20 MPa
SCREED FLEXURAL STRENGTH*:	4 MPa

*Typical Results to BS EN 13813

DIRECTIONS FOR USE

PREPARATION

The building must be weather tight prior to the placing of any screed material: the roof; external doors and windows must be in place and closed or covered and taped to prevent draughts. All substrates must be suitable to receive the screed as per current good working practices. The substrate must be structurally sound concrete or screed and be thoroughly clean, dry and free from laitance or other contaminants which may impair adhesion. Suitable mechanical preparation of substrate may be required. Air and substrate temperatures must be greater than 5oC. Relative Humidity value of the floor must be less than 75% when moisture sensitive finishes are to be laid onto Self-Levelling Compound.

PRIMING

Normal concrete/screed requires priming with Acrylic primer diluted 1:1 with clean water. Particularly porous concrete/screed requires priming with Acrylic primer diluted 1:1 with clean water followed by a coat of Acrylic primer applied neat. If the relative humidity value of the floor is greater than 75%, Larsen DPM should be used – Apply two coats as directed with the dry sand (0.7 -1.2mm) scatter into the wet second coat at a rate of 2 kg/m2 (with the excess removed by vacuuming). For thickness of > 6mm or heavy traffic areas consult Technical Department for advice.

MIXING

Add 3.6 - 4.0L of clean water per 20kg bag (sufficient to achieve target flow without bleed or settlement). Mix with a heavy duty drill and paddle for 1-2 minutes or with a suitable continuous mixer/pump. Excess water will cause a loss of strength.

APPLICATION

Pour or pump the mixed product over the floor. Self-Levelling Compound will level out to a smooth finish. Where necessary, release air bubbles with a trowel or spiked roller. This practice must be carried out within 5 – 10 minutes of application. The screed must be protected from draughts within the first 6 hours, if necessary doorways and windows should be taped up with polythene. Subsequently, ensure the room has sufficient ventilation to allow the screed to dry out. After installation protect the screed from following trades. Self-Levelling Compound will accept foot traffic after 4 hours.

DIRECTIONS FOR USE (continued)

PREPARATION (continued)

APPLICATION

Floor coverings can be installed after 24 - 48 hours depending on thickness of Self-Levelling Compound, substrate and site conditions. Should any trowel marks remain, remove with a wet trowel after 1-1½hrs.

RESTRICTIONS

Self-Levelling Compound is not suitable for industrial use, should not be applied to flexible surfaces and cannot be used as a final wearing surface. Self-Levelling Compound is suitable for use over underfloor heating systems. Room and substrate temperatures should be above 5°C during application. Self-Levelling Compound can be applied up to 6mm. For thickness of > 6mm consult Technical Department for advice.