

LARTEX FLO



LARTEX FLO is a specially formulated latex designed for the professional flooring contractor. It is manufactured from a controlled blend of special sands, cements and synthetic polymers to give a high quality flooring product which is practically self-levelling with superior flow and smoothing characteristics. Lartex Flo can be used to prepare most rigid surfaces prior to the installation of floor coverings such as vinyl, carpet and ceramic floor tiles. Lartex Flo can be used on sub floors such as sand/cement screed, concrete, correctly prepared wooden floors, over underfloor and under tile heating, flooring grade asphalt and floors with minor adhesive residue contamination.

2-PACK
SELF-SMOOTHING
CAN BE LAID UP TO 10mm
DENSE, SMOOTH FINISH
PROTEIN FREE
FOOT TRAFFIC IN 2 - 4 HOURS
SUITABLE FOR USE OVER UNDERFLOOR HEATING
BS EN 13813 CT – C20 – F5



TECHNICAL INFORMATION

PRODUCT INFORMATION	
FORM:	Grey Granular Powder and white latex liquid
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 multi-wall paper sacks + 4.5L plastic jerry can
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	Minimum 6 months in unopened manufacturer's containers
APPLICATION INFORMATION	
Mix Ratio:	One 4.5 L liquid per 20kg bag
APPLICATION TEMPERATURE:	+5°C to +30°C
WORKING TIME:	Approx. 30 minutes
TIME TO TRAFFIC: (depending on site conditions)	Light Foot Traffic - after 2-4 hours Covering - after 12 – 24 hours
BED THICKNESS:	Up to 10mm (up to 15mm when bulked out with 3mm granite chippings)
COVERAGE:	One pack will cover approx. 4.5m ² @ 3mm
TYPICAL PERFORMANCE INFORMATION	
SCREED STRENGTH CLASS (BS EN 13813):	CT – C20 –F5
SCREED COMPRESSIVE STRENGTH*:	20 MPa
SCREED FLEXURAL STRENGTH*:	5 MPa

DIRECTIONS FOR USE

DIRECTIONS:

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, 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 and be free from laitance, plaster, grease, oils, paint, polish etc and any water-softenable or loosely adhered contaminants which may impair adhesion. Any remaining adhesive residues should be checked to ensure that they are not softened by water and that they are hard, sound and have a sufficient cohesive strength to receive a levelling compound. If not, suitable mechanical preparation of substrate may be required. Timber substrates must be stable, free from deflection during installation and service. Power-floated concrete should be mechanically prepared. Air and substrate temperatures must be greater than 5°C. Relative Humidity value of the floor must be less than 75% when moisture sensitive finishes are to be laid otherwise Larsen DPM may be required. Porous and absorbent substrates should be dampened or primed to reduce suction and prevent pin-holing. If the substrate is particularly porous, 1 coat of Larsen Acrylic primer dilute 1:1 with clean water may be required. If sub-floors are non-porous it is recommended to prime the surface with 1 coat of Larsen NP Keycoat primer or Primer Grip 360 neat.

MIXING

Add one liquid component to one bag. Mix with a heavy duty drill and paddle for 1-2 minutes. Adding extra liquid or water will impair the performance.

APPLICATION

Pour the mixed product over the floor and spread out to a smooth finish with a trowel. Where necessary, release air bubbles with a trowel or spiked roller. This practice must be carried out within 5 minutes of application. Lartex Flo can be applied from feather edge up to 10mm. For thickness of up to 15mm, the product may be bulked out with an equal volume of 3-6mm aggregate. This economical application may require a further application of the standard mix to give a smooth finish. In this case it is advisable to prime with Larsen Acrylic primer between layers. Lartex Flo will accept foot traffic after 2-3hrs. Floor coverings can typically be installed after 12-24hrs depending on thickness of Lartex Flo, substrate and site conditions.

RESTRICTIONS

All work should be carried out to current best practice, trade body advice and BS8204. Lartex Flo is not suitable for industrial use and cannot be used as a final wearing surface. Lartex Flo is suitable for use over underfloor heating systems. Room and substrate temperatures should be above 5°C during application. Drying times are dependent on screed thickness and site conditions. Always test moisture contents before laying impervious floor coverings. Freshly laid screed should be protected from rapid drying as result of draughts, strong direct sunlight or similar. After installation protect the screed from following trades. It is not recommended to apply Lartex Flo at greater than 6mm over flooring grade asphalt.

PROFESSION SLC2000 INDUSTRIAL



Professional SLC 2000 Industrial is a single pack, fast-drying, hand or pump-applied, cement-based levelling screed for the renovation of concrete floors. It is manufactured from a controlled blend of special sands, cements and synthetic polymers to give a high-quality flooring product which is self-levelling and smoothing. For use in fast track commercial and industrial situations where a wearing finish is required or when finishes need to be applied quickly. It is ideal for warehouses, production areas and similar areas where a hardwearing level finish is required. SLC 2000 Industrial can be over-coated with epoxy coatings, etc. to further improve abrasion resistance, aesthetics and chemical resistance.

SINGLE PACK
SELF-LEVELLING
5-30 MM IN ONE APPLICATION
FAST DRYING – APPLY MOISTURE
SENSITIVE FINISHES AFTER 24 HOURS
HARD-WEARING FINISH
FOOT TRAFFIC IN 2 - 4 HOURS
CT-C30-F7-RWA20



TECHNICAL INFORMATION

PRODUCT INFORMATION	
FORM:	Powder
COLOUR:	Grey
HAZARD INFORMATION:	Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING:	25 kg multiwall, sealed paper sacks
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	6 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
MIX PROPORTIONS:	Mix 25 kg pack with approx. 4.5-5 L water
POT LIFE:	Approx. 30 minutes @ 20°C
APPLICATION TEMPERATURE:	+5°C to +30°C
BED THICKNESS:	5 to 30 mm
TIME TO TRAFFIC:	Light Foot Traffic - after 2 - 4 hours Full Traffic - after 1 - 2 days Covering - after 1 - 2 days (depending on depth and site conditions)
COVERAGE:	Approx 1.6 m ² / 25 kg pack @ 10 mm
PERFORMANCE INFORMATION	
SHRINKAGE	<0.06%
COMPRESSIVE STRENGTH	≥30 MPa
FLEXURAL STRENGTH	≥7 MPa
CLASSIFICATION:	EN13813 - CT-C30-F7-RWA20

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. Consult our substrate preparation guide for full details before use. The substrate must be sound, thoroughly clean concrete or screed. Heavily trafficked areas should be mechanically prepared to provide a suitable mechanical key. All residues must be removed to provide a dry, dust free open textured surface free from laitance, old adhesive and other contamination. Air and substrate temperatures must be $>5^{\circ}\text{C}$. RH of the floor must be $<95\%$ generally and $<75\%$ when moisture sensitive finishes are to be laid (if $>75\%$, Larsen DPM should be applied to the substrate). When layers of $>30\text{mm}$ are required, first apply a base coat of Larsen Professional SLC1900 BASE, SLC1550 or SLC 1500.

PRIMING

HEAVY TRAFFIC AREAS - Prime the substrate with one coat of Larprime EU with a sand scatter (2kg/m² dry, clean sand 0.6-1.2mm applied into the wet primer with excess removed by vacuum when primer has cured).

LIGHT TRAFFIC AREAS - Substrate should be primed with Larsen Acrylic Primer diluted 1:1 with clean water. Porous substrates should be primed with Acrylic primer diluted 1:1 followed by Acrylic primer applied neat.

EXISTING LEVELLING COMPOUNDS (e.g. SLC1900 BASE) - should be primed with 1 coat of Acrylic primer diluted 1:1 followed by Acrylic primer applied neat. Acrylic primer should be allowed to dry before applying SLC 2000. If Acrylic primer has been left for more than 48 hours, a fresh application is required.

MIXING

Add 4.75 -5.25 L of clean water per 25kg 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. SLC 2000 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. SLC 2000 can be applied from 5-30mm. For thickness of $> 30\text{mm}$ or for a more economical solution, consult Technical Department for advice regarding the use of Larsen Professional SLC1900 BASE. 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. SLC 2000 will accept foot traffic after 2 - 4 hours. Floor coverings can be installed after 24 - 48 hours depending on thickness of SLC 2000, substrate and site conditions. Should any trowel marks remain, remove with a wet trowel after 1-1½hrs. SLC 2000 Industrial is suitable for use over underfloor heating systems.

RESTRICTIONS

SLC 2000 Industrial should not be applied to flexible surfaces. Room and substrate temperatures should be above 5°C during application. All work should be carried out to current best practice, trade body advice and BS8204. SLC2000 Industrial is suitable for use over underfloor heating systems. Room and substrate temperatures should be above 5°C during application. Drying times are dependent on screed thickness and site conditions. Always test moisture contents before laying impervious floor coverings. Protect surface from draughts, strong direct sunlight and following trades until covered.

PROFESSIONAL SLC1550 FLEX



Professional SLC 1550 FLEX is a single pack, fast-drying, universal renovation screed with fiberflex™ microfibre technology. It is manufactured from a controlled blend of special sands, cements and synthetic polymers to give a high quality flooring product which is self-levelling and smoothing. For use in fast track domestic and commercial situations, such as, where levelling of up to 50mm is required or for use over underfloor heating and on more difficult substrates, e.g. timber. It does not provide a wearing finish but provides an ideal surface to receive resilient floor finishes including: carpet, natural stone, ceramic tiles, vinyl, resin coatings, etc. It is ideal for offices, dwellings, schools, hospitals, airports, etc.

SINGLE PACK
3-50MM IN ONE APPLICATION
FAST DRYING
PROTEIN-FREE
FIBRE-REINFORCED
FOOT TRAFFIC IN 2 - 4 HOURS



TECHNICAL INFORMATION

PRODUCT INFORMATION	
FORM:	Powder
COLOUR:	Grey
HAZARD INFORMATION:	IRRITANT contains cement – Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING:	20kg multiwall, sealed paper sacks
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	6 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
MIX PROPORTIONS:	Mix 20 kg pack with approx. 4L water
POT LIFE:	Approx. 30 minutes @ 20°C
APPLICATION TEMPERATURE:	+5°C to +30°C
BED THICKNESS:	3- 50mm (min 10mm when using reinforcing mesh)
TIME TO TRAFFIC:	Light Foot Traffic - after 2 - 4 hours Full Traffic - after 1 - 2 days Covering - after 1 - 3 days (depending on depth and site conditions)
COVERAGE:	Approx 2.5 - 3m ² / 20kg pack @ 5mm
PERFORMANCE INFORMATION	
SHRINKAGE	<0.06%
COMPRESSIVE STRENGTH	≥25MPa
FLEXURAL STRENGTH	≥7MPa
CLASSIFICATION:	EN13813 - CT-C25-F7

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 may be structurally sound concrete or screed; suitable timber; ceramic tiling; or existing resilient flooring. It must be thoroughly clean, dry and free from laitance, grease, oils, paint or other contaminants which may impair adhesion. Suitable mechanical preparation of substrate may be required. Air and substrate temperatures must be greater than 5°C. Relative Humidity of the floor must be <95% generally and <75% when moisture sensitive finishes are to be laid (if >75%, Larsen DPM should be applied to the substrate). Existing movement joints should be carried through the SLC1550FLEX, preferably with proprietary joints. When applying over underfloor heating a suitable 10+mm PE foam expansion strip should be fitted the full depth of screed around the entire perimeter of the floor. In some instances it may be necessary to incorporate a glass fibre reinforcing mesh in the screed, consult Technical Department for advice.

Priming

Normal concrete/screed requires priming with Larsen 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. Relative Humidity of the floor must be <95% generally and <75% when moisture sensitive finishes are to be laid (if >75%, Larsen DPM should be applied to the substrate). Timber floors must be free from deflection and be suitably stable. Existing floorboards should be overlaid with minimum 15mm moisture resistant plywood, screw fixed at 300 mm centres. OSB may be used on floors, but must be flooring grade, rigid and screw fixed at 300mm centres. The surface should be sanded to remove any wax or similar treatment and then primed. WBP plywood may be used but due to the variability in quality, extra care should be taken. It is recommended that WBP sheets are sanded and primed. Edges of all timber sheets should be supported by joists or studs and where possible timber sheets should be tongue and groove. In wet areas timber should be suitably tanked. All timber substrates should be primed with one coat of Acrylic Primer applied neat. Allow primer to dry to a transparent tacky film before applying SLC1550FLEX.

Mixing

Add 3.75 -4.25L of clean water per 20kg bag to achieve target flow of 215-230mm 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. SLC 1550 FLEX 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. SLC 1550 FLEX can be applied up to 50mm (minimum of 3mm). For thickness >30mm consult Technical Department for advice. The screed must be protected from draughts within the first 6 hours, if necessary open doorways and windows should be closed using tape and polythene.

Subsequently, ensure the room has sufficient ventilation to allow the screed to dry out. After installation protect the screed from following trades. SLC 1550 FLEX will accept foot traffic after 2 - 4 hours. Floor coverings can be installed after 24 - 72 hours depending on thickness of SLC 1550 FLEX, substrate and site conditions. Should any trowel marks remain, remove with a wet trowel after 1-1½hrs.

Restrictions

Prof SLC 1550 FLEX is not suitable for industrial use and cannot be used as a final wearing surface. Prof SLC 1550 FLEX should not be applied to flexible surfaces or surfaces subject to vibration. All substrates must be suitable for the intended duty and traffic without excessive deflection. All substrates must be sufficiently strong and stable to bear the weight of screed and covering. Prof SLC 1550 FLEX is suitable for use over underfloor heating systems. Room and substrate temperatures should be above 5°C during application.