


**LARSEN**

# TILING

## TECHNICAL DATA SHEET

# COLOURFAST 360 Grout

**JOINT WIDTH 1-15mm**

**FLEXIBLE**

**STAIN RESISTANT**

**EFFLORESCENCE FREE**

**MOULD RESISTANT**

**EASY TO APPLY**

Larsen Professional Colourfast 360 is a specially formulated, flexible, rapid setting tile grout. This advanced formulation uses Colourfast Technology to ensure uniform joint colour, free from efflorescence. Professional Colourfast 360 is suitable for use as a flexible wall and floor grout. The fine texture provides a smooth, stain, mould and water resistant finish that is suitable for use on most tile types including glazed and unglazed ceramic, porcelain, natural stone and glass tiles.

Colourfast Technology utilises advanced polymers, additives and a proprietary hydraulic binder which is free from Portland Cement.



## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

FORM	Powder
STANDARD COLOURS:	White, Jasmine, Ivory, Limestone, Taupe, Walnut, Beige, Silver Grey, Grey, Anthracite, Black, Brown
RECYCLED CONTENT:	Contains 20% by weight recycled material
HAZARD INFORMATION:	No Significant Hazard - Consult Safety Datasheet before use. This grout contains a biocidal product with fungicidal properties. Biocidal Ingredients - 2-octyl-2H-isothiazol-3-one
CLEANING	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING	10kg multiwall, sealed paper sacks, 3 kg plastic sacks
STORAGE INSTRUCTIONS	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE	10kg - 6 months in unopened manufacturer's packaging 3kg - 12 months in unopened manufacturers packaging

### APPLICATION INFORMATION

MIX PROPORTIONS:	Mix 10kg powder with approx. 2.5L water
POT LIFE:	Approx. 40 minutes @ 20°C Set time approx. 1-2hr depending on site conditions
APPLICATION TEMPERATURE	+5°C to +30°C
JOINT WIDTH:	1-15mm
TIME TO TRAFFIC:	Light Foot Traffic - after 3 hours Full Traffic - after 24 hours Depending on site conditions
UNDERFLOOR HEATING:	Suitable for use with underfloor heating systems
COVERAGE	Dependent on the size of the tile and joint. As an example with a 400 x 400 x 10mm tile and 5mm joint, 1kg of Colourfast 360 will grout ~2.5m <sup>2</sup>
CLASSIFICATION:	Type CG 2WA

### DIRECTIONS FOR USE

#### PREPARATION

Allow adhesive to set sufficiently before applying grout. Ensure joints are clean, and free from dust or any other contamination. Any adhesive filling more than 1/3 the joint depth, should be raked out. In very warm conditions or with very porous tiles it is recommended to dampen the joints before grouting. Colourfast 360 is suitable for use in joints of 1-15mm. New heating systems must have been trialed at a high temperature for a period of at least 48 hours in advance of tiling. Ensure the heating is turned off at least 48 hours before any tiling work is carried out and not turned on until at least 7 days after the work has been completed. Heating should be turned on at the lowest setting and the temperature increased by no more than 5°C per 24 hours. Particular attention should be given to ensure there is adequate provision for movement joints in the tiling. Timber substrates must be sufficiently rigid and supported to be free from excessive deflection under expected loads. Ensure adequate ventilation exists beneath the floor. Ensure all new wood (including joists) is 'dry' and conditioned. The floor should be designed to accommodate both seasonal changes in moisture and the changes caused by step changes in heating. Extra joists/noggins should be added to strengthen the floor as required. In wet areas timber substrates must be suitably tanked.

#### MIXING AND GROUTING

Mix powder with clean water (approx. 0.25L/kg) to a thick creamy paste using a slow speed drill and paddle. Allow the mixed grout to stand for 2-3 minutes then remix briefly to ensure an even consistency. The mixed grout is useable for 30-40min. Do not add water or attempt to remix after the grout has begun to set.

Work the grout into the joints using a grouting trowel, squeegee or sponge to ensure a well filled and compacted joint. Remove the excess grout from the tile surface as grouting proceeds. After initial stiffening of the grout (typically around 30min) clean the tile surface using a clean dampened sponge working diagonally across the grout lines. When the grout is suitably set, polish the surface with a clean dry cloth.

Floors will be ready for light foot traffic approx. 3 hours and full traffic after 24 hours.

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled, and applied in accordance with current best practice, national standards, and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.

## DIRECTIONS FOR USE (continued)

### COVERAGE

Coverage is dependent on the size of tile and joint. as an example with a 400 x 400 x 10mm tile and 5mm joint, 1kg of Colourfast 360 will grout ~2.5m<sup>2</sup>.

### RESTRICTIONS

All work should be carried to current best practice, including British Standards and TTA Guidance documents. Substrates must be stable and free from excessive movement or deflection. It is advisable to carry out a trial area when grouting tiles which may be particularly prone to scratching or discoloration or when grout colour is critical. Slight batch to batch colour variation may occur. It is recommended to always use grout from the same batch or premix grout from different batches before use. Setting and drying time are affected by site temperatures and conditions and the product should not be used below 5°C. Grout residue remaining on the surface of the tile after hardening may need to be removed with an acid based cleaner. This should be carried out with care after 24 hours and the joints pre-wetted. Swimming pools can only be grouted if the chemical nature of pool water permits the use of cementitious grouts (consult TTA guidelines for further advice). Swimming pools should not be filled for 3 weeks after grouting.