

# GS Flash Grout

**Two components epoxy sealing and remediation mortar.**

## DESCRIPTION

GS Flash Grout is a solvent-free, two-component epoxy resin-based mortar with a creamy consistency for perfect processing horizontally, vertically and overhead. It cures to give high mechanical properties typical of epoxy compound. It is resistant to oils, greases, petroleum, salts, many acids and alkalis and most commonly met corrosive media. It does not shrink on curing, and is designed to be used when cured from below freezing point to 60°C. Its impact resistance and mechanical strength are greater than that of concrete.

## TYPICAL APPLICATIONS

GS Flash Grout is used for the reprofiling and renovation of concrete substrates as well as in chemically and mechanically stressed areas. For coating and reprofiling of hard surfaces of all kinds in the floor, wall and ceiling area, e.g. concrete, screed, concrete with steel joints, wood, etc., cracks in the concrete, joint compensation, roughness compensation, chipping, small area damage in cattle trailers and on trailer floors.

## ADVANTAGES

Ideal for renovation, repair and filling work, rehabilitation of small areas, as a construction contact adhesive for use in concrete, as a tamping paste before crack injection, for reducing roughness on mineral surfaces, mechanical and chemical protection of concrete and as a pore filler that improves the sealing properties of the treated surface.

## PACKAGING AND COLORS

**GS Flash Grout** is available in ( A-Resin + B-Hardner) 6 kg & 20Kg double pack.

## TYPICAL PROPERTIES

Pot life at 20C	35 min
Full Hardened at 20C	7 days

Mix Density at 20C kg/m <sup>3</sup>	1700
Mixing ratio in parts by weight	2:1
Compressive strength to ASTM D695:>	60N/mm <sup>2</sup> at 7 days

## APPLICATION GUIDELINES

### SURFACE PREPARATION

All loose particles, laitance, dust, grease, etc. must be removed prior to application of GS Flash Grout.

### MIXING

The 6kg pack has been designed to be easily mixed by trowel. Where more than one pack is to be mixed at a time, a Mixal portable mixer is suitable. Mix component A and component B together until a uniform, streak-free color is obtained.

### PLACING / APPLICATION

Trowel GS Flash Grout to the required level. The surface may be finished-smooth by applying a small amount of solvent on the trowel and using to finish. Where a very deep recess is to be filled, it may be necessary to build up in layers. Repairs may be done in layers, if required, by 2 / 3 covering the surface with cement powder before full cure is affected.

### Notes

Where subsequent tiling works are to be carried out on vertical surfaces, contact the local Green Builders Solutions representative for advice.

### STORAGE AND SHELF LIFE

Store under cover, away from flames, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult Technical Services Department.



ULTIMATE CONSTRUCTION

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## HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention.