

Davco



Product Data Sheet

Streetscape Fluid Grout



A pre-blended fluid grout consisting of sand, special cements and additives.



FEATURES & BENEFITS

- High strength
- Quick to mix - just add water
- BS 7533 compliant
- Hydraulic binders chloride free
- Suitable for cobblestones and pavers
- Grey powder

PACKAGING

Available in a 20kg bag

WHERE TO USE

Areas

Suitable for external applications where high performance is required such as roads, driveways and pedestrian footpaths

Joint Width

5-15mm

Pavers and Cobblestones

Suitable for grouting of pavers and cobblestones adhered to a rigid support

PRODUCT INFORMATION

Tensile Strength

6.5 MPa

Compressive Strength

80 MPa

Set Time

Initial set 1 hour at 20°C or 50 minutes at 30°C

Final set 1 hour and 40 minutes at 20°C or 1 hour at 30°C





DIRECTIONS FOR USE

- Test product in an inconspicuous area first to ensure suitability

SURFACE PREPARATION

- Contact surfaces must be sound, clean and provide a good mechanical key. Remove any loose material, laitance, plaster, paint and oily deposits
- Surfaces, must be structurally sound, clean, free of dust, dirt, wax, oil, grease, asphalt, mastic, latex compounds, adhesives, paint, gypsum-based products and other contaminants
- The substrate should be thoroughly wetted and any standing water removed from the joints prior to application

MIX PREPARATION

Mix Process

SITUATION / REQUIREMENT	MIX REQUIREMENTS PER 20KG
General applications	2.6 - 3.2L of clean, potable water
Volume	10L

1. Pour the required quantity of water into the mixing vessel.
2. Slowly add the Fluid Grout powder to the water. Mix mechanically for 2 minutes until a uniform consistency is achieved, free of lumps of powder.

APPLICATION

1. Pour the Fluid Grout onto the previously moistened paved area and spread using a squeegee.
2. Scrape the excess to expose the upper surface of the paving units.
3. To reduce the work areas or to prevent loss of grout in unfinished areas, it is advisable to block the side seams with pieces of resilient material wedged between the cobblestones.
4. Once placed, the Fluid Grout should be left to stand until it gels prior to the commencement of cleaning. Note: The surface must be kept damp during this time by light application of water as required

5. As soon as the mortar begins to firm up, wash the surface of the paving units with low pressure water and a soft broom to remove the excess material. Traditional sponge techniques are also suitable.
6. To avoid washing the aggregates contained in the slurry into drainage systems, it is advisable to use geotextile filtration.

Clean-up & Return to Service

- Clean mixing and application equipment with water before grout dries
- Wait approximately 4 hours before returning the area to foot traffic, 2 days before returning the area to light vehicle traffic and 7 days before returning the area to heavy vehicle traffic

Note: Setting times of adhesive is affected by site conditions, climate and could be faster or slower than specified

PRECAUTIONS

Safety

- SDS is available from www.sika.com.au

General

- Do not use when temperatures are below 5°C or above 35°C
- Do not apply to frozen or thawing substrates

Specific

- Do not mix with other hydraulic binders or aggregates
- Must be stored in a cool, dry elevated place and protected from high humidity
- Pot life is 45 minutes at 20°C
- Shelf life up to 6 months if bag is unopened and stored as specified above

TECHNICAL DATA

TECHNICAL DATA	STREETSCAPE FLUID GROUT
Appearance	Grey Powder
Coverage	5m ²
Pot life	45 minutes
Set time before grouting	1 hour
Light foot traffic	Approx 4 hours
Ready for commercial service 22°C	24 hours
Tensile bond strength	2.5N/mm ²
Ready for vehicular traffic 22°C	2-7 days

All measurements are taken at 22°C and 50% relative humidity. Specifications vary according to site conditions and should be taken as a guide only.



Davco products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

Sika Australia Pty Ltd

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