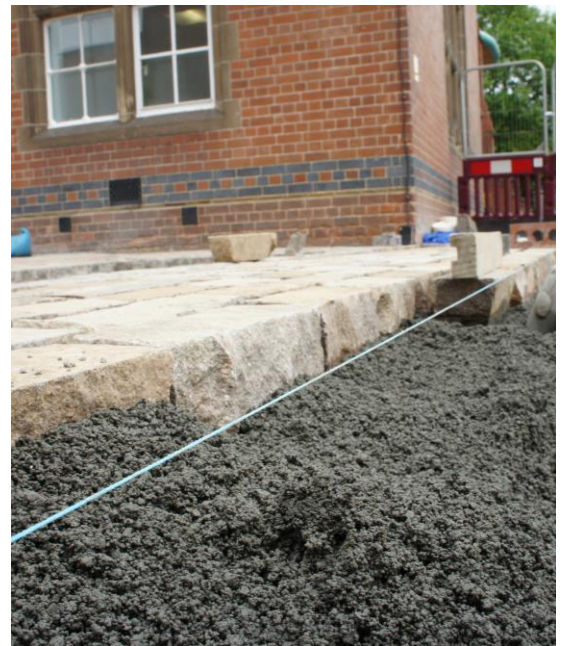


STREETSCAPE FBC



Larsen Streetscape FBC is a fine bedding concrete specifically designed to meet the recommended performance characteristics of BS7533. It is manufactured from a controlled blend of specially selected aggregates, cements, fibres and additives and only requires the addition of water to produce a high quality bedding layer for rigid construction methods. Streetscape FBC is ideal for the installation of natural stone setts and cobbles, flags, concrete and clay pavers.

>40MPa COMPRESSIVE STRENGTH
10 – 75mm BED DEPTH IN ONE PASS
LOW SHRINKAGE
FROST RESISTANT
VEHICLE TRAFFIC AFTER 24 HOURS
AVAILABLE IN BAG, BIG BAG OR SITE SILO
BS 7533



TECHNICAL INFORMATION

PRODUCT INFORMATION	
FORM	Granular
COLOUR	Grey
MAX AGGREGATE	6 mm
HAZARD INFORMATION:	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:	25 kg multilayer paper. 1.2MT Big Bag or Bulk Silo
STORAGE INSTRUCTIONS:	Store unopened containers in a dark, cool, dry location away from extremes of temperature
SHELF LIFE:	Minimum 6 months in unopened manufacturer's containers
APPLICATION INFORMATION	
WATER DEMAND	2 to 2.5L per 25kg
APPLICATION TEMPERATURE	+3°C to +30°C
WORKING TIME	Approx. 60 minutes
BED THICKNESS	10 - 75mm per pass
TIME TO TRAFFIC	Light Foot Traffic - after 12 hours Vehicle Traffic - after 1-2 days (depending on site conditions)
YIELD	Approximately 2000kg/m ³ (1m ³ is approximately 2150kg (mixed) or 1950kg (dry powder) 25kg bag = 27.5kg (mixed) = approximately 0.013m ³)
TYPICAL PERFORMANCE INFORMATION	
<small>*Independent Third Party Test Results – reports available on request</small>	
DRY HARDENED DENSITY	2100 - 2200kg/m ³
SHRINKAGE	0.02 – 0.04%
COMPRESSIVE STRENGTH	45 - 50 MPa
FLEXURAL STRENGTH	7 - 8 MPa
BOND STRENGTH	>2.0 MPa (with priming slurry)
MODULUS OF ELASTICITY	17000 - 18000 MPa

DIRECTIONS FOR USE

PREPARATION

The substrate (including sub-base and road base) should meet the requirements of the relevant part of BS7533 dependent on the type and level of traffic. All substrates must be suitable to receive the bedding as per current good working practices. All substrates for bonded constructions should be clean and thoroughly sound and free from oils, grease, dust, loose particles or any other contaminants which may interfere with adhesion. They should be pre-soaked but free from standing water.

PRIMING

To improve bond it is recommended to apply Larsen Streetscape PS to the base immediately prior to laying the Streetscape FBC bedding layer. All paving units must be primed with Streetscape PS immediately prior to placing on the Streetscape FBC bedding layer. Consult Larsen Streetscape PS datasheet and the relevant part of BS7533 for further information.

MIXING

Add 8 - 10% water, i.e. 2.0 - 2.5L of water per 25kg bag to achieve the desired workability. Mix with a suitable mechanical mixer for a minimum of 3 minutes.

Please note Streetscape FBC is designed to be used 'semi dry'/moist consistency at the above water ratios. Should more water be added to achieve a more pliable workability, the hardened properties of the product will be reduced. If too little water is used the bedding will be too dry to bind together. Workability should be checked regularly using the 'snowball' test.

Do not try to remix or wet-up FBC which has 'gone off'.

APPLICATION

Streetscape FBC can be applied in a bed of 10 -75mm in a single pass. Greater thicknesses can be applied but should be laid wet on wet with each layer being sufficiently compacted prior to laying another pass. When applying another layer to a layer which has set, it should first be primed with Streetscape PS. Freshly laid areas should be protected from foot traffic for a minimum of 12 hours and from vehicle traffic for a minimum of 24 hours dependent on temperature and site conditions.

RESTRICTIONS

Streetscape FBC should not be used in unbound or flexible constructions. Streetscape FBC should only be used in bound/rigid constructions. In adverse weather conditions, paving should not be laid or jointed if the temperature is below 3°C on a falling temperature or below 1°C on a rising thermometer. The surface of the substrate should not be frozen before bedding and fresh bedding should be protected from inclement weather or freezing until sufficient strength is achieved for damage not to occur. Movement joints may be required in rigid/bound constructions and should be laid out in the design stage.

QUALITY

This product is manufactured in a plant controlled under an integrated management system third party certified to BS EN ISO 9001 and BS EN ISO 14001.