

STREETSCAPE FBC ECO



Larsen Streetscape FBC Eco is a fine bedding concrete specifically designed to meet or exceed the requirements of BS 7533. Manufactured from a controlled blend of aggregate, cement & GGBS I only requires the addition of water to produce a BS 7533 compliant bedding mortar for the laying course.

ECO - REDUCED CARBON
BS 7533 COMPLIANT
ECO – REDUCED CARBON

**AVAILABLE TO ORDER IN THE
FOLLOWING FORMATS:**

25 KG BAGS

1.2 T WEATHERPROOF BULK BAGS

BULK SILOS



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. 1.2 MT 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 temperature
APPLICATION INFORMATION	
WATER DEMAND	1.8 to 2.0 L per 25 kg
APPLICATION TEMPERATURE	+3°C to +30°C
WORKING TIME	Approx. 60 minutes
BED THICKNESS	30 - 75 mm per pass
TIME TO TRAFFIC	Light Foot Traffic - after 12 hours Vehicle Traffic - after 1-2 days (depending on site conditions)
YIELD	13 L (approximately) per 25 kg bag
TYPICAL PERFORMANCE INFORMATION	
Independent Third Party Test Results are pending, the results listed below are from our internal reports	
DRY HARDENED DENSITY	2100 - 2200 kg/m ³
SHRINKAGE	0.02 – 0.04%
COMPRESSIVE STRENGTH	≥ 35 MPa
FLEXURAL STRENGTH	≥ 6 MPa
BOND STRENGTH	> 2.0 MPa (with priming slurry)
MODULUS OF ELASTICITY	17000 - 18000 MPa

DIRECTIONS FOR USE:

PREPARATION

The base should meet the requirements of BS 7533 dependant on the type and level of traffic. All substrates must be suitable to receive the bedding mortar as per current good working practises. All substrates for bound construction should be clean, 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.

BONDING MORTAR

Larsen Streetscape PS Eco (bonding mortar). When measured in combination with Larsen FBC Eco bedding mortar; apply to the base and underside of the paving element in order to provide an adhesion bond strength of ≥ 2.0 MPa, this is from the base to the bedding mortar and paving element to bedding mortar.

MIXING

Add 1.8 L of water per 25 kg bag to achieve the desired workability. Mix with a suitable mechanical mixer for a minimum of 3 minutes. Streetscape FBC Eco is designed to be used semi dry / moist consistency at the above water ratios. Should extra water be added to gain a more pliable workability, the hardened properties of the mix will be reduced. If too little water is used, the bedding will be too dry to bind together, achieve correct compaction or hydrate the binder element. Workability should be checked regularly using the "snowball" test. Do not remix or wet up FBC which has gone off.

APPLICATION

Bedding depths of between 30 mm and 75 mm can be placed in a single layer. Greater depths can be achieved by placing successive layers 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 Larsen Streetscape PS ECO bonding mortar. Freshly laid areas should be protected from foot traffic for a minimum of 12 hours, vehicular traffic for a minimum of 24 hours, both dependent on temperature and site conditions.

RESTRICTIONS

In adverse weather conditions, paving should not be laid or jointed if the temperature is below 3°C on a falling thermometer or 1°C on a rising thermometer. The surface of the substrate should not be frozen before bedding and fresh bedding protected from inclement weather or freezing until sufficient strength is achieved for damage not to occur. All work should be carried out following guidance in BS 7533.

QUALITY

Larsen Streetscape FBC Eco is manufactured in a plant controlled under an integrated management system third party certified to BS EN ISO 9001 & BS EN ISO 14001. All orders are sold subject to our current terms of sale and delivery. The information and recommendations provided 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.