

STREETSCAPE GPM



Larsen Streetscape GPM is a rapid setting gun applied jointing mortar specifically designed to meet the requirements of BS7533. It is manufactured from a controlled blend of specially selected fine aggregates, cements and additives and only requires the addition of water to produce a high quality pointing mortar for rigid construction methods. Streetscape GPM is ideal for the pointing of natural stone flags, setts and cobbles, concrete and clay pavers. Streetscape GPM is a dry blended product that gives the applicator consistent colour and strength throughout the project. The finished joints are highly resistant to freeze thaw action and when correctly installed will not be damaged by mechanical street cleaning. Streetscape GPM comes in a range of colours to suit your requirements.



45MPa COMPRESSIVE STRENGTH

2 – 20mm JOINT WIDTHS

UP TO 150mm JOINT DEPTHS

LOW SHRINKAGE

FROST RESISTANT

EARLY TRAFFICKING

CONFORMS TO BS7533

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
FORM:	Granular
STANDARD COLOUR(S):	Natural Grey, Buff, London, Charcoal (2%) and Black (6%)
MAXIMUM AGGREGATE SIZE:	1.2 mm
HAZARD INFORMATION:	IRRITANT – Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING:	25kg multi-wall paper sacks
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	6 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
WATER DEMAND:	4.5 - 5 L per 25kg bag
APPLICATION TEMPERATURE:	+3°C to +30°C
WORKING TIME:	Approx. 20 minutes
TIME TO TRAFFIC:	Light Foot Traffic - after 6 hours Vehicle Traffic - after 24 hours (depending on site conditions)
JOINT DIMENSIONS:	2 - 20mm width / up to 150mm depth
COVERAGE:	25 kg will cover approx 28 linear metres at a joint width of 5mm wide x 10mm deep

TECHNICAL INFORMATION (continued):

PERFORMANCE INFORMATION*	
DENSITY:	2000 kg/m ³
SHRINKAGE:	< 0.1 %
COMPRESSIVE STRENGTH:	40 MPa
FLEXURAL STRENGTH:	6 MPa
MODULUS OF ELASTICITY:	16,000 – 24,000 MPa
BOND STRENGTH:	>1.5 MPa

*Typical Results tested after 28days storage@ 23-C 50%RH

DIRECTIONS FOR USE:

PREPARATION

The substrate and paving (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 joints must be suitable to receive the bedding as per current good working practices. All paving elements and joints to be grouted should be clean and thoroughly sound and free from oils, grease, dust, loose particles or any other contaminants which may interfere with adhesion. Construction movement joints should be laid out at the design stage and should not be filled with Streetscape GPM.

MIXING

Add 4.5 - 5L of water per 25kg bag to achieve the desired workability. Pour the water into the mixing bucket before adding the dry mortar. Mix with a mechanical paddle mixer for a minimum of 2 minutes. Leave the mortar to stand for 5 minutes and then remix adding water if required. To check the consistency, fill the tube of the pointing gun and shake. The mortar should hang from the nozzle if the correct consistency has been achieved. Do not try to remix or wet-up GPM which has undergone an initial set.

APPLICATION

Streetscape GPM can be applied in joint widths of 2-20mm and up to 150mm deep in a single pass. Place the nozzle of the gun as deep into the joint as possible and inject the mortar, filling the joint from the bottom and slightly overfilling the joint. Allow the mortar to cure slightly and when the mortar takes on a 'matte' look tool the joint compressing the overfilled mortar into the joint.

RESTRICTIONS

Streetscape GPM should not be used in unbound or flexible constructions. Streetscape GPM 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 paving should not be frozen before pointing and fresh pointing mortar 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. Efflorescence and Limebloom are natural phenomena affecting all cement based materials. Their occurrence is temporary and in no way affects the ultimate performance or durability of the product. Occurrences can be minimised by always following best practice, avoid working in particular cold or damp conditions, minimising the amount of water used during clean up operations and by protecting the joint from unfavourable weather conditions until the product is sufficiently cured to withstand them.