

VERSION: 02

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**LARSEN**

**STREETSCAPE**



**TECHNICAL DATA SHEET**

# BRUSH JOINT Jointing Grout

**QUICK & EASY TO INSTALL**

**3-20 MM JOINTS**

**WALK ON WITHIN 24HRS**

**BLACK, GREY & BUFF**

## FUSION XT Brush-Joint Jointing

**Grout** is a ready to use, high quality, all weather, brush-in jointing product for all types of paving. Its advanced, permeable formulation is suitable for use all year round. Ideal for use with concrete, natural stone and porcelain paving.



For further information, consult our Technical Department.

[LarsenBuildingProducts.com](http://LarsenBuildingProducts.com)

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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

STANDARD COLOURS	Black, Grey , Buff
HAZARD INFORMATION	No significant hazard. Consult safety datasheet before use
CLEANING	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set
PACKAGING	15kg Plastic Tubs
STORAGE INSTRUCTIONS	Store in sealed containers in dry conditions, protected from extremes of temperature. Part used containers - add enough water to cover the surface by about 50mm. Pour off excess water before re-use and blend with any new product opened to avoid colour variations
SHELF LIFE	Up to 2 years in unopened manufacturer's packaging

### APPLICATION INFORMATION

JOINT WIDTHS	3 - 20mm
JOINT DEPTH	Minimum depth of 20mm is recommended. Note - deeper joints will take longer to cure
TIME TO TRAFFIC	Light Traffic after 18hrs and Full Traffic after 24hrs
RECOMMENDED APPLICATION TEMPERATURE	5 - 30°C
CURING TIME	24 - 48 hours (depending on site conditions). Lower temperatures and damper conditions may lengthen curing time
COVERAGE	Approx. 15 m <sup>2</sup> per tub based on 600 x 600 mm slabs with 20 mm deep 10 mm wide joints

## DIRECTIONS FOR USE

### PREPARATION

Fusion XT Brush-Joint is suitable for use with most paving materials in foot traffic areas. All paving must be sufficiently stable and rigid so as to not move under load. Paving must be installed on a full, semi-permeable, free draining mortar bed. A typical example is a 6:1 mortar made with clean sharp sand (or pea gravel) and cement and enough water to ensure that the bedding mix just holds together in a ball when squeezed gently in a clenched (gloved) hand. When installing new paving, ensure the narrowest part of the joint is not less than 3 mm wide. Some paving materials may be prone to staining. Always test an inconspicuous area first. To avoid any potential, temporary staining thoroughly pre-soak the area before application. For further information consult our Technical Department.

### APPLICATION

Ideally installation should be carried out on mild, dry days. Cold/damp conditions will delay hardening of the product.

### NEW PAVING

1. Pre-soak the area before application. With larger areas wet the area as you go.
2. Pour Fusion XT Brush-Joint evenly over paving. Top Tip – To help stop staining, thoroughly soak the product in the tub before application.
3. Using a stiff brush or squeegee, work the product in to the joints ensuring they are completely filled, and the paving is kept wet during the application.
4. Top up any joints not completely filled.
5. Thoroughly wash the area with clean water, ensuring all product is removed from the paving.
6. Surface and air temperature must be above 5°C to prevent water used from freezing. In hot conditions surface must be kept damp throughout application to reduce risk of staining.

### REPOINTING EXISTING PAVING

1. Clean out joints ensuring all the old jointing material and all dirt and detritus has been fully removed.
2. Check the existing base is sufficiently permeable to allow water to freely drain to sub-base below. (This is essential.)
3. Pre-soak the area before application. With larger areas wet the area as you go.
4. Carry on as for new paving.

### CURING

It is good practice to strike the joints with a pointing tool before the product has cured. This firms up and smooths the face of the product giving an additional resilience. In mild, dry conditions joints should cure within 24-48 hours. In cooler and/or wetter conditions curing may take considerably longer. Important: As the product air-cures, it needs all water to have freely drained from the joints to enable it to cure and harden properly.

## DIRECTIONS FOR USE (continued)

### MAINTENANCE

Do not use a power washer to clean newly jointed areas until the product has cured for at least 4 weeks. After this time the joints may be cleaned but it is recommended to only use the power washer on low pressure, at an angle of 45 degrees and using a fan spray from no closer than 150 mm. Alternatively, use a standard hose, brush and Larsen Decking & Paving Cleaner to remove any built up dirt and debris. To remove any green growth, mildew, algae etc from your paving, use Larsen Algae Remover as directed.

### RESTRICTIONS

As Fusion XT Brush-Joint air cures, it will only harden and cure once excess moisture has drained from jointing compound and through to the sub-base. If there is uncertainty about the permeability of the joint or the ability to achieve the minimum joint depth or width, use an alternative product. All joint widths must be a minimum of 3mm wide and 20mm deep. Always ensure joints are filled to the depth of the paving. Joints cannot be topped up after the product has cured. Poorly filled or bridged joints may result in product failure. Some natural stone materials are particularly prone to staining. With these materials it is worth taking extra care. To reduce the risk of staining it is important to keep the surface of the paving soaking wet during application. Like most external materials, Fusion XT Brush-Joint will experience a natural discoloration over time depending on exposure and maintenance. This product is for foot traffic only. Fusion XT Brush-Joint is manufactured from natural materials, slight batch to batch variation in colour can therefore be expected. To minimize variation, it is recommended to use product from the same batch in adjacent areas, if this is not possible, pre-mixing batched may help to reduce variations. If in doubt, carry out a sample area first.