

## JOINTING OF MORTAR BEDDED PAVING - FLOWPOINT (BS7533 parts 7&12)

### Q25 Slab / Brick / Sett & Cobble Paving

#### Clause 26a

This specification & method is fully compliant with BS7533 parts 7 & 12 for the grout jointing of paving elements. High performance grout is suited to medium to high traffic loads and the rapid set / strength gain will allow early trafficking.

#### **Material:**

Ultrascape Flowpoint – Flowable Jointing Grout that's pre-blended and delivered to site in moisture resistant bags.

#### **Technical:**

Ultrascape Flowpoint can fill joint widths from 5mm – 50mm and depths up to 200mm in one pour and conforms to BS7533 parts 7 & 12. Ultrascape materials are all pre-blended and require only the simple addition of water on site. Always follow manufacturers instructions for mixing and application.

#### **Grout Consistency:**

Follow manufacturers recommendation for water content and mix for between 3 & 5 minutes until a smooth free flowing slurry grout is achieved.

#### **Preparation:**

Once the paving is ready to receive the grout the following method must be adhered to. Immediately prior to jointing it must be ensured that the joints are free from debris and all ponded water removed. The paving surface and joints must be pre-soaked and kept wet until the jointing process has been completed. A 25kg bag requires 4.5 litres of water and must be mixed for between 3 & 5 minutes until a smooth lump free consistency has been achieved. Apply the mortar without delay, do not store liquid mortar other than in transit from mixer. It must be carefully forced into the joints using a suitable rubber squeegee. The mortar should be constantly moved over the surface to repeatedly top up joints in which the mortar may have slumped following initial placement. Use the rubber squeegee to remove as much mortar as possible from the surface. The surface must be kept constantly moist using a soft spray of water. When the jointing mortar has hardened sufficiently or achieved its initial set, typically 15 minutes at 20 degree's the paving surface must be cleaned using a brush and copious amounts of water. Cleaning must be carried out thoroughly and no mortar must be allowed to remain on the surface of the paving. The surface of the paving **must be** pre-soaked prior to application **and kept wet** throughout the process.

**PLEASE NOTE** - Setting time can be dramatically reduced in extremely warm weather. There are several areas to consider - Ambient temperature, paving surface temperature, product temperature & water temperature. Grouting smaller more manageable areas may be advisable in these circumstances. Another way to reduce effects of temperature - store product out of direct sunlight, mix using cool water and always in all cases keep the area wet.

**Further Information:**

Instarmac are happy to give advice and site support for specific projects.

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