



# cempoint


## gun injected mortar (paving)

### FEATURES & BENEFITS

 For jointing flags and different types of paving

 Workability: 45 minutes

 Set time: 6 hours

 BS 7533 compliant

 Joint widths: 5-25mm

 Just add water



### APPLICATIONS

UltraScape cempoint is a cementitious gun injected pointing mortar that conforms to the strict demands of BS 7533. Specifically formulated for the jointing of flags and various different types of paving, the product is also shrinkage compensated, economical, fast and easy to apply, thus reducing costs and minimising downtime.

### TECHNICAL

UltraScape cempoint is pre-blended with specialist cements and graded fillers and supplied in 25kg paper bags. The simple addition of water produces a gun injected pointing mortar, which has excellent compatibility and is resistant to freeze-thaw weather conditions. UltraScape cempoint is suitable for joint widths of between 5-25mm and in joint depths of 25-100mm.

### PREPARATION

All joints must be free from any loose debris, clean and pre-soaked with water. Remove all ponded water prior to application but ensure that joints remain wet while the product is use.

### MIXING

Place up to 4 litres of clean water into a suitable drum or forced action mixer. Add the contents of the 25kg bag of UltraScape

cempoint and mix between 3-5 minutes to achieve an even smooth mix. Allow material to stand for 5 minutes before application.

### PLACING

Transfer material into a wet mortar gun with a trowel. Ensure there is good contact with substrate during application. Move steadily along the prepared joints to ensure a quality finish.

### FINISHING

UltraScape cempoint should be tooled off whilst wet to the required profile by the use of a standard pointing tool. Ensure all material is removed from the face whilst still wet. The area can accept pedestrian traffic after 12 hours and vehicular traffic after 24 hours.

### PRECAUTIONS

Please note: a small trial should be done to ensure compatibility with the stone/paving being used as Instarmac cannot test all stone/paving types. Wash all tools frequently. Mix only enough material to apply in 4 minutes.

Never remix or add extra water. Wear protective clothing. Avoid skin and eye contact - wet cement can burn the skin. Cool temperatures retard, warm temperatures accelerate.

**PRODUCT AND TECHNICAL DATA**

<b>Unit/packaging</b>	25kg bags delivered on shrink-wrapped pallets
<b>Storage</b>	Store in a cool, dry and frost free area at temperatures between 5°C and 30°C
<b>Yield</b>	14.5 litres approx, per 25kg bag
<b>Workability*</b>	45 minutes
<b>Shelf life</b>	8 months from the date of manufacture printed on the bag unopened in the above conditions. High temperatures and high humidity will reduce shelf life.
<b>Bond (Adhesion strength)</b>	>1.5N/mm <sup>2</sup> after 28 days
<b>Water required</b>	4 litres per 25kg
<b>Compressive strength</b>	49.6N/mm <sup>2</sup> after 28 days
<b>Flexural strength</b>	8.3N/mm <sup>2</sup> after 28 days
<b>Modulus of elasticity</b>	16800
<b>Shrinkage</b>	0.1%
<b>Colour*</b>	Natural, Light Brown, Light Grey, Dark Grey, Sandstone, Yorkstone, White, Dark Brown, Brick Red, Black. Bespoke colours available upon request subject to minimum quantities

\*Depending on temperatures - test carried out at 20°C. Cool temperatures retard, warm temperatures accelerate product performance. As with all raw materials, colour variation may occur. Please note that this does not affect the consistency or characteristics of the enclosed product.

**HEALTH, SAFETY AND ENVIRONMENTAL**

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste responsibly and in accordance with local authority requirements. A full material safety data sheet relating to this product is available from [instarmac.co.uk](http://instarmac.co.uk)

**QUALITY ASSURANCE**

All products are manufactured in a plant whose quality management system is certified / registered as being in conformity with BS EN ISO 9001, ISO 14001 and ISO 45001. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or

use of our products because we have no direct or continuous control over where and how products are used. All products are sold subject to our conditions of sales, copies of which may be obtained upon request.

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