



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Ultrascape Cempoint Data Sheet

### Specification notes

Product: **Ultrascape Cempoint**

Supplier:

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**Ultrascape Cempoint Data Sheet**

# Technical Data Sheet

# Cempoint

## Gun Injected Pointing Mortar

CISB  
1231 | Yq4 | F3  
L64:D1231 | EPIC



An **INSTARMAC**® Brand

### 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, re-pointing of brickwork, block work and stone walling, 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 20kg paper bags. The simple addition of water produces an easily gun injected pointing mortar, which has excellent compatibility and is resistant to freeze-thaw weather conditions. Ultrascape Cempoint is available in standard and special colours including Natural Grey, Light Brown and York Stone. Ultrascape Cempoint is suitable for joint widths of between 5-25mm and in joint depths of 25-100mm.

### Preparation

#### Paving

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 used.

#### Re-pointing

Cut or grind loose friable mortar to provide a clean, open-faced cavity. Ensure the surface is free from oil, paint, algae etc. Remove all dust created by grinding with a brush, before pre-soaking the area about to receive the pointing mortar. Do not apply product to areas with ponded water.

#### Mixing

Place up to 3.2 litres of clean water into a suitable drum or forced action mixer. Add the contents of the 20kg 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 Cempoint gun with a trowel. Ensure there is good contact with substrate during application. Move steadily along the prepared joints to ensure a quality finish. (The Cempoint gun, tube and nozzle are available to purchase from the Instarmac sales team on +44(0) 1827 871871).

#### 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.

### 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 OHSAS 18001. 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 projects are used. All products are sold subject to our conditions of sales, copies of which may be obtained upon request.

### 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)



## Features & Benefits

- Mixed easily on-site with water
- Conforms to BS 7533
- Excellent compatibility
- Resistance to freeze/thaw weather conditions
- Shrinkage compensated
- Fast and easy application
- Part of the Ultrascape streetscape system, which guarantees compatibility and reduces split liability

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## Physical Properties (UKAS Accredited)

Pot Life	45 minutes
Initial Set	3 hours
Final Set	6 hours
Fresh Wet Density	2150 kg/m <sup>3</sup>
Compressive Strength	49.6N/mm <sup>2</sup> (28 days)
Flexural Strength	8.3N/mm <sup>2</sup> (28 days)
Adhesive/Bond Strength	>1.5N/mm <sup>2</sup> (28 days)
Modulus of Elasticity	16800
Shrinkage	0.1%

## Product Details

Unit/Packaging 20kg paper bags delivered on shrink-wrapped pallets

Storage Store in closed original container at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

Coverage Joint width x joint depth: This will provide litres required per linear metre. Visit [www.ultrascape.co.uk](http://www.ultrascape.co.uk) for a free online product calculator.

Yield 11.6 litres per 20kg bag

Shelf Life Shelf life from date of manufacture in correct conditions for sealed bags is 6 months. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

Colour\* Light Grey



\*As with all raw materials, colour variation may occur. Please note that this does not affect the consistency or characteristics of the enclosed product.



## Contact Us

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