

Cementitious Pointing Mortar

Information

Ultracrete Cempoint is a cementitious pointing mortar which conforms to the strict demands of the BS7533 specification for the rigid construction of Streetscape works. Formulated for the repointing of brickwork, block work and stone walling. It is also recommended for the pointing of concrete pavements, flags and slabs. The simple addition of water produces an easily hand pumped pointing mortar, which has excellent compatibility and is resistant to freeze thaw weather conditions. **Ultracrete Cempoint** is shrinkage compensated, economical, fast and easy to apply, reducing costs and minimising downtime.

Technical

Ultracrete Cempoint is a single pack cementitious pointing mortar blended from specialist cements, polymers and additives. Supplied in 20kg bags and available in standard and special colours including Natural Grey, Light Brown Sandstone, Buff, and Yorkstone.

Preparation

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

Mixing

Place up to 3.6 litres of clean water into a suitable drum or forced action mixer. Empty the contents of the bag and mix between 3-5 minutes to achieve an even smooth mix. Allow material to stand for 5 minutes.

Please note: Always add powder to water. Part mixing is allowed but careful control over water addition should be ensured.

Placing

Transfer material into Cempoint gun with a trowel, when applying material; ensure good contact with substrate, moving steadily along prepared joints. (Cempoint gun, tube and nozzle available to purchase from Instarmac sales on +44 (0) 1827 872244).

Finishing

Material 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. Area is suitable for trafficking after 7 days.



Features & Benefits

Ultracrete Cempoint is a cementitious pointing mortar that conforms to BS7533 for the rigid construction of streetscape works.

- Mixed easily on site with water.
- Conforms to BS7533.
- Excellent compatibility.
- Resistance to freeze/thaw weather conditions.
- Shrinkage compensated.
- Fast and easy application.
- Manufactured under Quality Management System BS EN ISO 9001: 2000.

Recommended Applications

Re-pointing of brick work, block-work and stonewalling.
Pointing granite setts, flags and pavements.

Related Products

- | | |
|---|-------------------------------|
| Cempoint Gun, Cempoint Nozzle, Cempoint Tube | |
| Ultracrete HS | Fine bedding concrete. |
| Ultracrete GSB | Streetscape bedding mortar. |
| Ultracrete Flowpoint | Flowable rapid setting grout. |

Health & Safety

This product contains cement which, when mixed with water is alkaline and may cause skin irritation. Operatives should wear protective clothing and work in well-ventilated conditions.

If product enters the eyes, wash thoroughly with clean water. If discomfort continues seek medical advice. In common with all powder products, the material should be mixed carefully, avoiding the raising of dust.

Technical Performance – Ultracrete Cempoint (formerly known as Cemtech Cempoint)

Pot Life	45 minutes
Initial Set	3 hours
Final Set	6 hours
Fresh Wet Density	2150 kg/m ³
Compressive Strength	49.6N/mm ² (28 days)
Flexural Strength	8.30N/mm ²
Adhesive/Bond Strength	1.22N/mm ²
Modulus of Elasticity	16,800
Shrinkage	0.1%

*Depending on temperature, test carried out at 20°C

Packaging	Ultracrete Cempoint is supplied in 25kg polythene lined bags delivered on shrink wrapped pallets
Shelf Life	Store in a dry place at temperatures between 5°C – 35°C. Shelf life in correct conditions for sealed bags is 6 months. High temperatures and high humidity will lead to a reduced shelf life
Yield	15 Litres / 20kg bag
Estimating	W = Width D = Depth L = Length of Joint $\frac{W \text{ (mm)} \times D \text{ (mm)}}{1000} \times \text{length (m)} = \text{litres of material required}$
Standard Colours	Natural Grey, Light Brown
Special Colours	Sandstone, Buff and York-stone
NB:	Special colours subject to lead-time, there may be colour variations between batches. Contact Instarmac Sales on +44 (0) 1827 872244

For updated Material Safety Data information visit www.instarmac.co.uk

Contact us

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Email: email@instarmac.co.uk **Order:** orders@instarmac.co.uk **Website:** www.instarmac.co.uk

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