

Ozone Patchcrete

Polymer-modified, cementitious multipurpose , patching & repairing mortar

Description	Ozone Patchcrete is a single-component, rapid-setting, repair mortar for use on new and existing concrete and masonry surfaces. This product is designed for the reconstruction of damaged vertical and overhead concrete and masonry structures, both interior and exterior. Ozone Patchcrete can also be used in light-duty, pedestrian, horizontal applications. The light color of Ozone Patchcrete closely resembles aged, sun-bleached concrete																				
Primary Applications	<ul style="list-style-type: none">▪ Vertical and overhead repairing of scaled and spoiled concrete▪ Resurfacing of damaged concrete▪ Repair of honeycombed surfaces▪ Parking structures & bridges▪ Retaining walls▪ Ceilings and sloped surfaces▪ Large placements																				
Features / Benefits	<ul style="list-style-type: none">▪ Single component requires the addition of water only▪ High compressive strength▪ Excellent resistance to freeze-thaw cycling and de-icing salts▪ Suitable for both interior and exterior applications▪ Excellent bond to sound concrete▪ Compatible with galvanic anodes																				
Properties	<table><tr><td>Appearance</td><td>Grey powder</td></tr><tr><td>Mixing ratio</td><td>3.5-4.0 Ltr water /25 kg bag</td></tr><tr><td>Pot life</td><td>50 minutes approx at 20°C</td></tr><tr><td>Yield</td><td>12.5 Ltr/25kg bag Approx.</td></tr><tr><td>Layer thickness</td><td>5-20mm per application</td></tr><tr><td>Substrate temperature</td><td>5-40°C</td></tr><tr><td colspan="2">Mechanical Strength at 28 days</td></tr><tr><td>Compressive Strength</td><td>40N/mm² (ASTM C 109)</td></tr><tr><td>Flexural Strength</td><td>8N/mm²</td></tr><tr><td>Bond Strength</td><td>>2N/mm² (BS 1881)</td></tr></table>	Appearance	Grey powder	Mixing ratio	3.5-4.0 Ltr water /25 kg bag	Pot life	50 minutes approx at 20°C	Yield	12.5 Ltr/25kg bag Approx.	Layer thickness	5-20mm per application	Substrate temperature	5-40°C	Mechanical Strength at 28 days		Compressive Strength	40N/mm ² (ASTM C 109)	Flexural Strength	8N/mm ²	Bond Strength	>2N/mm ² (BS 1881)
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Packaging	25 kg bags.																				
Storage	Store in a dry and cool place below 35°C. Protect from direct sunlight.																				
Shelf Life	1 year in original, unopened packaging.																				
Instructions for use	<p>Surface Preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Mechanically abrade the surface to achieve a minimum surface profile of CSP 5 - 7 in accordance with ICRI Guideline 310.2. Properly clean profiled area.</p> <p>Priming: Clean and prime exposed steel with Ozone SBR. The Ozone SBR primer coating must be allowed to fully dry prior to the placement of Ozone Patchcrete . Concrete should be primed with a spray or brush coat of Ozone SBR. Alternately, a saturated surface dry (SSD) concrete surface can be primed with a scrub coat of Ozone Patchcrete. The repair must be made before the scrub coat dries out.</p> <p>Mixing: Single bags may be mixed with a drill and “jiffy” mixer. Use a paddle type mortar mixer for large jobs. All materials should be in the proper temperature range of 16°C to 32°C. Add the appropriate amount of water for the batch size and then add the dry product. The mixed product should be quickly transported to the repair area and placed immediately.</p> <p>Placement: Place Ozone Patchcrete onto the prepared concrete or masonry surface while the bond coat is still wet. Float or trowel flush with adjacent surface and allow to set. Finish to match the surrounding surfaces.</p> <p>Curing: Follow ACI guidelines for curing. In the case of high temperatures, high wind, or low humidity causing rapid surface drying, use a fog curing system or a water based curing compound. Do not use solvent based curing compounds.</p>																				
Cleaning & Disposal	Ozone Patchcrete may be removed from tools and equipment with water before the dries. Don't dispose of into water or soil but according to local regulations.																				

**Precautions/
Limitations**

- Only mix as much material that can be used within pot life.
- Do not add more water, re-temper or over-trowel.

Health & safety

In case of contact with the skin, wash immediately with soap and water, In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately, do not induce vomiting. Skin barrier cream, safety goggles and rubber gloves are recommended. carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

WARRANTY: Ozone products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. Ozone makes no warranties, implied or otherwise, as to the merchantability or fitness for ordinary or particular purposes of its products and excludes the same. If any Ozone product fails to conform with this warranty, Ozone will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made period from the date of the claimed breach. Ozone does not authorize anyone on its behalf to make any written or oral statements which in any way alter Ozone's installation information or instructions in its product literature or on its packaging labels. The user of the Ozone products must test the products for suitability for the intended application and purpose before proceeding with the full application of the products.