

Sealant coating

Uses

Capcem KT provides a protective white coating to rock, concrete or coal surfaces which are susceptible to deterioration on exposure.

Advantages

- Cement based, solvent free.
- Aesthetic white colour aids light reflection.

Description

Capcem KT is supplied as a single component powder to which water is added, it is non-toxic and non-flammable.

The mixed material can be spray or trowel applied and cures to a uniform white colour with excellent adhesion to a wide variety of substrates.

Properties

Setting time : 2 - 3 hours

Physical properties

Age (days)	1	7	28	1	7	28
Strength (MPa)	Compressive			Tensile		
	15	25	30	1	2.5	3
	8	21	32	1	2.5	3

Fresh wet density : 1750 kg/m³

Application Instructions

Preparation

All surfaces to be covered must be washed with water and be sound and free from loose material before application.

Mixing and Estimating

Mixing requires the addition of 5.4 litres of clean water per 25kg bag Capcem KT,.

A suitable pump/spray apparatus can be used for a compacted rapid coverage. Application by trowel ensures a smooth finish. Do not apply in running water conditions or when temperature is below 5°C.

Pack Size (kg)	Mix Water (litres)	Yield (litres)
25	5.4	17

Curing

In common with all cementitious materials, Capcem KT must be cured immediately after finishing in accordance with good concrete practice.

Cleaning

Equipment can be cleaned with water immediately after use. Cured material can be removed only by mechanical means.

Coverage guide to Capcem KT quantities

17 Litres	yields 3.4m ² at 5mm thick
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Note: These figures are for guidance only. Actual coverage will depend on the texture and porosity of the surface being covered.

Storage/Shelf Life

Capcem KT has a shelf life of 12 months when stored in cool, dry conditions. To prevent degradation of packaging, store away from direct sunlight.

Precautions

Health and Safety

Capcem KT is non-toxic but is mildly alkaline. Goggles, gloves and dust masks should be worn during application. Splashes on skin or eyes should be removed with clean water. In case of splashes in the eyes, seek medical advice immediately, refer to the Material Safety Data Sheet for further information.

Technical Support

Minova RSA provides a technical advisory service supported by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work.

Additional information

Minova RSA is a market leader specialising in the supply of high performance chemical products for the mining and tunnelling industries.

Minova RSA range of mining products includes anchoring and backfill systems, bagged cement products, high yield grouts, mine sealants, equipment and accessories, for which a product brochure is available on request.

Important note

Minova RSA products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Minova RSA endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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