

Kemproof A

In/Out Doors Hand Plaster Plasticizer

Description	<p>Kemproof A is a normal plasticizer for in and outdoors cementitious hand plaster. Used as a lime re-placer reduce the amount of and Improves workability and troweling properties of sand/cement mortar mixes during application. It provides all the advantages of lime and eliminates all its disadvantages.</p> <p>Standards: complies with BS 4887 Mortar Plasticizers</p>
Where to use	<p>Kemproof A is used:</p> <ul style="list-style-type: none"> • In hot weather areas. • When the plaster exposed or facing the sea. • Where the high-quality plaster is needed. • preparing masonry, paving, plastering and marble. • bricklaying, pointing and rendering. • To reducing the cost of mortar significantly. • To solves the problem of lime storage in building sites.
Advantages	<p>Kemproof A has the following advantages:</p> <ul style="list-style-type: none"> • Economic. • Improves the workability and troweling properties of cementitious mortar without exceeding the quantity of water or cement. • Reduces shrinkage and minimizes cracks. • Reduces bleeding and segregation. • Eliminates the use of lime in the mortar mix. • Saves 10 - 20% of required cement. • Avoidance of corrosion of the building's metal elements caused by lime. • Significantly increases the strength of masonry mortars and plaster and there - for the whole structural element.
Properties	
Color	Brown
Specific gravity	1.05 ± 0.05
Chloride content	Nil to BS. 5075.
Direction for use	<p>Kemproof A may be added directly to the cement-sand mortar mix or – where more convenient- may be premixed with gauging water.</p> <p>Mechanical mixing is to be preferred but thorough manual mixing gives acceptable results.</p>
Compatibility	Complies with all kind of cement and other types of admixtures.
Cleaning	Spillage of Kemproof A can be removed with water.
Theoretical Dosage Rate	0.15 – 0.30 liters of Kemproof A for each 50 kg of cement. Or 0.75 – 1.50 liters of Kemproof A to 200 liters of water.

Overdosing	<p>Overdosing of Kemproof A will result in increased workability and air entrainment.</p> <p>Remarks:</p> <ul style="list-style-type: none"> • The use of crushed sand significantly reduces Kemproof A effectiveness, due to the high content in coarse components. • Kemproof A is more effective in terms of workability when mixed with fine sand. • Adding more than 0.3% of Kemproof A by weight of cement will not improve mortars on the contrary, adding more than 0.4%, will decrease mortar strength.
Packaging	Available in 25 Kg pails & 220 kg Drums.
Shelf life & Storage	12 months when stored in original unopened packaging out of direct sunlight and kept under cover protected from extreme temperature.
Health and Safety	<ul style="list-style-type: none"> • Kemproof C is non-toxic. • Use gloves to avoid contact with skin. • If skin comes in contact, wash immediately with soap and water. • Do not use solvents. • Eye contamination must be immediately washed with water, then seek medical treatment.
Additional Information	<p>PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p>PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.</p> <p>Environmental Considerations</p> <p>Kemproof A Admixture is environmentally safe and contains no volatile organic compounds (VOCs).</p> <p>Kemproof A Admixture contains an anti-microbial biocide to inhibit mold and bacteria growth.</p>