

Kemproof A

In/Out Doors Hand Plaster Plasticizer

Description	<p>Kemproof A is a normal plasticizer for in and outdoors cementitious hand plaster, it's being 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. 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	<ul style="list-style-type: none"> • Kemproof A may be added directly to the cement-sand mortar mix or – where more convenient- may be premixed with gauging water • Mechanical mixing is to be preferred but thorough manual mixing gives acceptable results
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	<ul style="list-style-type: none"> • 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

<p>Overdosing</p>	<ul style="list-style-type: none"> Overdosing of Kemproof A will result in increased workability and air entrainment <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
<p>Packaging</p>	<p>Available in 25 Kg pails & 220 kg Drums</p>
<p>Shelf life & Storage</p>	<p>12 months when stored in original unopened packaging out of direct sunlight and kept under cover protected from extreme temperature</p>
<p>Health and Safety</p>	<ul style="list-style-type: none"> Kemproof A 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 <p>Environmental Considerations:</p> <ul style="list-style-type: none"> Kemproof A Admixture is environmentally safe and contains no volatile organic compounds (VOCs) Kemproof A Admixture contains an anti-microbial biocide to inhibit mold and bacteria growth
<p>Additional Information</p>	<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 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 product</p>