



# KISCRETE BA

## Special Mortar Additive

### DESCRIPTION

KISCRETE BA is a water-based cement and mortar additive which imparts workability, bond strength, flexibility and water proofing characteristics. By forming a reinforcing polymer matrix within the mortar, it will also greatly enhance the durability when used with screeds, plasters, skimcoats, spatter-dash coat, grouts and other construction materials.

### RECOMMENDED USE

- Waterproofing mortars
- Plastering, bricklaying or skimcoating works
- Mortar additives for durability
- Tiling works

### ADVANTAGES

- Increase bonding of cement mortar
- Waterproofing effect
- Improves workability
- Improves mortar durability

### PACKAGING

KISCRETE BA is supplied in 20 litre pail.

### APPLICATION GUIDELINES

#### Surface Preparation

All surfaces must be thoroughly clean, free from laitance, loose material, dust, dirt, oil, grease and other contaminants and profiled to produce a receptive surface. The use of grinding or scabbing machines is recommended for large areas.

#### Application Method

For Bond Slurry:

A slurry coat is recommended for surfaces with poor adhesion between the substrate and the receiving mortar.

### TECHNICAL PROPERTIES

KISCRETE BA	
Appearance	White Liquid
Density at 20°C	1.05

Mix Design Slurry Coat	
Kiscrete BA : OPC	1 : 2 parts by weight 1 : 1 parts by volume
Coverage	1 – 1.2kg/m <sup>2</sup>
Properties	
Consistency	Slurry
Bond Strength	>20N/mm <sup>2</sup>

Introduce OPC carefully to KISCRETE BA under constant agitation.  
Dampen the receiving surface slightly but do not leave ponds of water.  
Apply the slurry coat with a roller or brush. Special additives will be needed for spray application.

For Waterproof Mortars / Screeds:

The following design are provided for reference and % of materials may vary due to the source and made of the materials.

Mix Design Waterproof Render / Screed	
Ordinary Portland Cement	50kg
Wahsed Sand (8/16 mesh)	125kg
Kiscrete BA	14 litres
Clean Water	3 – 5 litres

Apply an initial coat of 10mm-thick onto the prepared and slightly dampened surface. After a period of 30-60 minutes, apply another coat of similar thickness in cross direction to the first coat.

A third coat may be required for difficult areas such as water retention tank. If the materials has dried, discard the material and do not attempt to add water to the mix and use. Lightly scratch the surface of the last coat to improve bonding for the next designed materials such as tiling.

Through curing is required on all exposed surfaces. Curing methods such as water spraying and similar techniques are suitable.

### **STORAGE**

KISCRETE BA should be stored at room temperature (10°C - 42°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

### **HEALTH & SAFETY**

Gloves and goggles should be worn. Any contact to the eyes and skin should be washed off with clean water. In the event of prolong irritation, seek medical advice. Refer to Kiscrete BA SDS for further information.

### **IMPORTANT NOTES**

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/ or suggestions made by the company representatives, agents and/ or distributors.

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