

# Wall-Reform®

## Technical Data Sheet

### Material

Premixed dry mineral based mortar in accordance with BBA certificate number 04/4136. The product consists of standardised mineral binders, graded aggregates and proven additives.

### Properties

Fire classification: tested to BS476-6, BS476-7 (class 0), BSEN 13501-1:2007+A1:2009: B-s1, d0

### Application

Used as an insulating base coat i.e. for blockwork or brickwork render. It can also be used as a remedial damp proof plaster for indoor applications.

### Technical Data

Apparent density of set mortar: = 51.1kgm<sup>-3</sup> (10mm)  
Water vapour resistivity: = 1.04mng<sup>-1</sup>  
Thermal conductivity: = 0.055w/mk

### Coverage Rates

Coverage per 12.24kg bag = 5.0m<sup>2</sup> (10mm)  
Coverage per tonne = 408m<sup>2</sup> (10mm)  
End product in Litres (per bag) = 50 litres  
Litres per sqm = 10 litres per sqm (10mm)

### Dried Product Weight

WallReform weight when dry = 2.4kg per sqm (10mm)

### Substrate

Adheres to all sound substrates. Make sure all substrates are dust free and any loose materials removed before application. If in doubt about the substrate, please consult our technical advisory service.

### Mixing Instructions

1. Pour between 5.5-6 litres of water into the mixing container
2. Open the WallReform bag and take out the powder bag
3. Pour the polystyrene beads into the mixing container
4. Open cement bag and ensure it is poured into the beads, to eliminate and excess dust when emptying the contents
5. Start slowly with the drill and paddle, the cement is heavier than the beads and will sink to the bottom of the mixing container. Blend the cement into the water first at the bottom of the tub, then drag the polystyrene beads down into it.
6. Mix the WallReform until the consistency is the same throughout the mix.
7. If the WallReform seems too dry and not like a 'paste' you may add more water, but we would recommend only 100ml at a time.

### Application Instructions Part 1 The Basecoat

- Use the EVA primer coat mixed 2/3-1 and apply to the designated area.

- The WallReform is then applied immediately onto the EVA coat (always wet on wet). This is important as the EVA is also in powder form in the WallReform bag, which creates a high bond when these two meet on the primed substrate area.
- When WallReform is mixed and ready for application the most important thing to remember is for the initial coat, only use upwards strokes with your trowel. The high polystyrene content acts like air within the product, and if you try to use the product with upwards and downwards strokes it won't create the correct bond to the substrate and may come loose.
- The product can be applied up to 30/40mm in one coat, for any extra thicknesses than this we recommend letting the first coat dry in a little first (usually around an hour depending on humidity). Follow the same procedure for all further coats.
- When designated thickness is achieved you may use a straight edge to ensure the levels, but not necessary.
- The finished basecoat is just left smooth, with no need for mortar lines or scratching up

### **Application Instructions Part 2 The Finish Coat**

- The first stage of preparation for the skim coat is to make use of the Rasp. The rasp is used to smooth the basecoat WallReform, removing any loose polystyrene beads that may be on the surface. Any loose beads to be swept up, so the area is clean after this procedure.
- The EVA is then applied to the area again, this time we let the EVA set after application, to create a sealed basecoat.
- The chosen finish option is then applied.

### **Delivery**

12.24kg bags – 50 bags per pallet

### **Stocking**

It is essential that the product is stored in a dry place.

### **Additional Information**

Finishes data sheets are supplied separately.

### **Information on risks and safety**

Do not breathe the dust.

Irritating to the eyes and skin.

Risk of serious damage to eyes.

Avoid contact with eyes and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

May cause sensitisation by skin contact.

For all other data relating to safety please refer to the safety data sheet.

### **Disposal**

Empty sacks may be recycled. Hardening waste product to be disposed of as construction and demolition waste.

### **Company statement**

Our application recommendations, whether verbal, written or graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities ect, are based upon approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected. The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.