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# ARDEX B 55

## Wall Leveling Compound

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**Excellent workability and water retention**

**Good bonding strength with substrate**

**For internal and external applications, wall and floor**

**Easy to use**



本企业通过ISO9001:2000质量认证体系



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# ARDEX B 55

## Wall Leveling Compound

### DESCRIPTION

ARDEX B 55 Wall Leveling Compound is a specially formulated pre-blended cement/sand render, requiring only the addition of water to produce a slump free mortar.

ARDEX B 55 is available in grey and white, consisting of special cements, polymers and selected fillers. Suitable for internal and external use on suitably prepared backgrounds of in-situ concrete walls, brickwork or blockwork.

### SURFACE PREPARATION

The surface to be rendered can be dry or moist but should be mature, stable and free of barriers of adhesion. In-situ concrete walls, brickwork and concrete blockwork should be at least 6 weeks old to allow for initial drying shrinkage to occur.

Any paint or gypsum plaster or other barriers to adhesion should be thoroughly removed to expose a clean, sound background.

Settlement cracks can be filled with the rendering mortar, however, there is no guarantee that cracks of this kind caused by structural movement can be eliminated. Small cracks should be cut out and enlarged so that better contact of the material is obtained.

Metal components must be given adequate corrosion protection.

If rendering to dense surfaces such as old glazed bricks, ceramic tiles, timber framed constructions or where old paint finishes cannot be removed, the use of anchored reinforcement, mechanically fixed to the background, should be installed.

For other substrates, please consult ARDEX Technical Services.

### NOTE

The substrate must be prepared whether internal or external, so as to guarantee the adhesion of the render mortar when applied.

### MIXING

To the required amount of clean water in a clean mixing container, add the powder whilst stirring thoroughly until a slump free mortar is produced. The mix proportions are: 25kg ARDEX B 55 into 4-4.5L of clean water.

### APPLICATION

ARDEX B 55 could be hand applied or machine sprayed. The drying time of ARDEX B 55 is about 6 hrs at 23°C 50%RH.

If the substrate is dense or the temperature lower or humidity higher, the drying time of ARDEX B 55 will be longer and subsequent work could be conducted after 24 hrs then.

The full cure of ARDEX B 55 will take 5-8 days.

Suggested one application thickness is from 5 to 15mm.

The working temperature range of ARDEX B 55 is between 5-35°C.

### COVERAGE

Approximately 1.75kg of ARDEX B 55 powder/mm/m<sup>2</sup>

### PACKAGING

ARDEX B 55 is packed in paper sacks incorporating a polyethylene liner – net weight 25kg.

### STORAGE AND SHELF LIFE

ARDEX B 55 must be stored in unopened packaging, clear of the ground in cool dry conditions and be protected from excessive draught. If stored correctly, as detailed above, the shelf life of this product is 12 months from the date shown on the packaging.

### TECHNICAL DATA

Compressive strength after 28d:  $\geq 8.0$  MPa  
Flexural strength after 28d:  $\geq 3.0$  MPa

### PRECAUTIONS

ARDEX B 55 contains more than 20% Portland cement and, in line with current legislation, is classified as irritating to eyes and skin. For this reason the following precautions should be observed:—Avoid contact with skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children. Avoid generation of airborne dust during mixing.

**NOTE:** For further information, consult the relevant health and safety data sheet.

The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.