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# ARDEX A 65

## Heavy Duty Industrial Screed Topping

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Premixed engineered cement and aggregate for simple on-site installation

Good workability

High bond strength

High strength topping for industrial and commercial spaces

Durable screed ready for receiving a variety of finishes

For internal and external application



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# ARDEX A 65

## Heavy Duty Industrial Screed Topping

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### DESCRIPTION

ARDEX A 65 is a high performance, single component, engineered cement incorporated with fibre floor screed topping with low dust technology. It is a heavy duty floor screed for use in commercial and industrial areas subject to high load and traffic.

ARDEX A 65 is a premix engineered floor screed that improves on-site efficiencies. It provides superior workability and ensure good consistent quality and mix.

### USES

ARDEX A 65 is suitable for casting onto new or old concrete substrates and pre-cast elements subjected to high load and traffic, such as airports, shopping centres, hospitals, warehouses, data centres, etc. It can be used for internal and external applications.

### FEATURES & BENEFITS

- Premixed engineered cement and aggregate for simple on-site installation
- Good workability
- High bond strength
- High-strength topping for industrial and commercial spaces
- Durable screed ready for receiving a variety of finishes
- For internal and external application

### SUBSTRATE PREPARATION

The substrate must be dry, clean and sound, free of dust, loose particles, grease or any other contaminants.

Conventional curing compounds should be removed new concrete should be mechanically prepared, either by scabbling, grinding or contained shot blasting equipment or similar prior to the application of ARDEX A 65. All shrinkage and non-moving structural cracks should be rooted out.

### PRIMING

For optimum adhesion results, prime the prepared subfloor with ARDEX BRP 35 EP epoxy bonding agent. Place the ARDEX A 65 topping whilst the primer is still tacky.

Re-prime if primer has dried.

### MIXING

Add 3.75 - 4 litres of clean water per 25 kg bag of ARDEX A 65. Mix slowly and continuously whilst the powder is added. Mix for 2 - 3 minutes thoroughly until a smooth mortar is obtained.

### APPLICATION

Placing the mixed ARDEX A 65 material to the wet primer by hand or machine pumped. Compact and finish ARDEX A 65 in accordance with standard practice by using a wooden float or steel trowel where appropriate. The nominal thickness for bonded screed is at min. 10 mm to 50 mm.

### CURING

ARDEX A 65 screed topping should be cured following good practice.

Protect from direct sunlight and windy conditions. Best results can be obtained by using ARDEX curing agent or polythene sheet.

### COVERAGE

Approximately 2kg/mm/m<sup>2</sup>

### PACKAGING

ARDEX A 65 is packed in paper sacks incorporating a polyethylene liner – net weight 25kg.

### STORAGE AND SHELF LIFE

This product 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.

### PRECAUTIONS

ARDEX A 65 is considered non-hazardous in normal usage. The presence of cement in the product gives an alkaline mortar, which may cause some irritation if prolonged contact with the skin takes place. Care should be taken to avoid inhalation or ingestion of dust and prevent contact with the eyes. For further information consult the relevant health and safety data sheet.

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### TECHNICAL DATA

Wet Density:	2.14 g/cm <sup>3</sup>
Colour:	Grey
Thickness:	10 - 50mm
Mechanical properties:	
Compressive Strength:	≥ 50 MPa
Flexural Strength:	> 5 N/mm <sup>2</sup>
Flow:	190 - 215mm
Water Absorption:	< 5%
Shrinkage: (Coutinho Ring)	No crack

### DISCLAIMER

The technical data sheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development.

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