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# ARDEX B 65

## Fine Fair Faced Concrete Finishing

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Modern Industrial Finishing Style

Fast Hardening/Drying to Minimize Risk of Crack

Flexible Color Matching

Unlimited Textured Appearance

Excellent Workability



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# ARDEX B 65

## Fine Fair Faced Concrete Finishing

### DESCRIPTION:

White powder made of special cement, modified polymer additives and selected fillers.

The color of product can be freely blended through special color concentrates, create a unique color and texture effect with troweling.

### SCOPE OF USING:

Suitable for the decoration of internal walls and ceilings, mixing colors and textures to create a decorative effect with modern industrial style, such as surfaces in exhibition hall(showroom), lobby, office and in private residences.

### SUBSTRATE PREPARATION:

The substrate must be mature, sound, solid, clean and dry with good surface integrity - in other words, sufficiently cured, firm, load bearing and free from all contaminants such as dust, laitance, oil & grease, adhesive & coating residues, release agents, curing compounds, etc.

On absorbable substrate, such as concrete, cement render, blocks, cement fiberboard, etc., ARDEX P51 can be used for interface treatment after being diluted according to the instructions.

### PIGMENTING THE COMPOUNDS:

ARDEX B 65 is a white powder, which can be formulated by adding a special color concentrates according to the required color.

The amount of color concentrates is extremely low. Please use a high-precision electronic scale with a division value of 0.1g for weighing.

It is recommended that the colors required for a single project be blended and ready for use at one time to avoid the color different.

Note: It is strongly recommended to do a small-size area test before application.

### MIXING:

Add the prepared color concentrates water to 37-40% of the weight of the powder into a clean mixing bucket, then add the powder, stir with an electric mixer for about 2 minutes, after a maturing period of 1 - 3 minutes and repeated stirring to give a supple lump-free mortar.

### APPLICATION:

ARDEX B 65 can be applied in temperature ranges from 10-30°C.

Working time of the fresh mortar is not less than 20 minutes at temperatures of +23°C.

Lower temperatures will extend, shorter ones reduce the working time.

Apply the mixed material evenly with the trowel on the substrate. At temperatures of +23° C, approximately 60 minutes after the application of the material, use the sponge with water to wet the surface, then trowel laitance for finish.

Having allowed the render to dry (about 24 hours), the surface must be polished with a suitable eccentric grinder (e.g., Rotex from Festo) using a grinding disc with an abrasive grain size of 180. Finally, use sealer recommended by ARDEX .

ARDEX B 65 can be implemented with corresponding tools according to the texture of the design creativity. Consult the ARDEX for the specific application method.

### PACKAGING:

20kg multi-layer paper bags incorporating a poly liner.

### STORAGE & SHELF LIFE:

ARDEX B 65 has a shelf life of approximately 6 months if stored in dry conditions in the original un-opened packaging.

### TECHNICAL DATA:

Water mixing ratio: 37-40%

Pot life: approx. 20-30 minutes

Working time: > 20 minutes

Trowel finishing: approx. 60 minutes

Application Thickness: 1.0-1.5 mm

Consumption: 1.3kg/mm/m<sup>2</sup>

Compressive strength:

After 1 day >6 MPa

After 28 days >20 MPa

Flexural strength:

After 1 day >2 MPa

After 28 days >6 MPa

### PRECAUTIONS:

ARDEX B 65 is considered non-hazardous in normal usage, during mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and by using, if necessary, a suitable barrier cream. Product contains cement. Causes an alkaline reaction requiring protection of the skin and the eyes. If product comes into contact with the skin and the eyes, thoroughly rinse with water. In case of contact with the eyes, seek medical help.

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. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations.