

# Congrout<sup>®</sup> Padding Mortar



## PADDING MORTAR

### DESCRIPTION

**Congrout Padding Mortar** is ready to use cementitious mortar for use as dry pack bedding for machine base leveling before grouting.

### USES & ADVANTAGES

**Congrout Padding Mortar** is specifically formulated for bedding & levelling of machine bases before grouting.

#### Advantages include:-

- No shrinkage and excellent bond to substrate.
- May be used for repairs.
- Manufactured under controlled conditions therefore consistent.
- High early strength which allows for early machine start up.
- Chloride free.

### PROPERTIES

**Appearance:** Grey powder

**Bulk Density:** Approx. 1.60 kg/litre

Average Compressive Strengths (N/mm <sup>2</sup> ) ASTM C109						
6 hrs.	10 hrs.	12 hrs.	1 day	3 days	7 days	28 days
≥15	≥25	≥30	≥45	≥65	≥70	≥85

**Note:** Above data does not constitute a specification. Performance at temperature 30°C.

### SURFACE PREPARATION

Dust, grease, laitance, paint, curing compounds, mould oils and loose material must be removed. Chip the concrete surface to a depth of 20 mm. and width 100 mm. wider than the line plate. After removing the concrete surface clean away dirt & dust. Thoroughly soak the surface with clean water. The recommended height for padding is at least 50 mm.

### FORMWORK

Ensure the formwork is tight. Normally the forms should give a top diameter of +40 -20 mm. of the line plate size and bottom diameter of +60 - 140 mm. of the liner plate size. The height should be 50 mm.

### MIXING

Use 2.5 - 2.75 litres of water to one 25 kg. bag of **Congrout Padding Mortar**. Measure the water accurately. Add the **Congrout Padding Mortar** to the premeasured water slurry & preferably mix with a mechanical mixer until the right consistency is achieved.

Once the required height is achieved place the liner plate on to the mortar surface & beat the liner plate with a wooden hammer. A good bond is achieved by either prewetting the underside of the liner plate or ensuring the surface of **Congrout Padding Mortar** is plastic/wet before the liner plate is installed. Once the height & level is correct the mould can be removed.

### CURING

To prevent rapid surface drying and crazing, use a suitable curing compound Cormix's **Corcure 90**.

### PACKAGING

25 kg. 4 ply plastic lined bags.

### STORAGE & SHELF LIFE

Store in dry shaded conditions. The shelf life is at least 12 months if kept dry in original packaging. High temperatures and humidity may reduce shelf life.

### HEALTH & SAFETY

**Congrout Padding Mortar** is alkaline avoid contact with skin & eyes. Gloves, goggles and dust mask should be worn. Skin should be washed with water to remove & splashes in the eyes washed out with copious amounts of clean water and medical attention sought. **Congrout Padding Mortar** is non-flammable.

### TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

### QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

### CONTACT DETAILS

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