

Congrout® Aid

GROUT OR CONCRETE ADDITIVE

DESCRIPTION

Congrout Aid is an expansive admixture for grouting mortars or concrete. **Congrout Aid** produces a non shrink grout or concrete.

USES & ADVANTAGES

Use in grouts for bridge bearing, anchors machine foundations, steel columns etc. May be used in concrete to reduce shrinkage.

Advantages include:-

- Excellent flow.
- No bleeding.
- High strengths.
- Good dimensional stability.
- Good filling properties.

PROPERTIES

Appearance: Beige powder

Specific Gravity: 1.21 kg/litre

Density Mixed: Approx. 2.2 kg/litre

APPLICATION

Ensure the substrate is correctly prepared. No contamination and saturated with water at least 3-4 hours prior to pouring the grout. No free water should be left.

Ensure air entrained into the grout is able to escape. Maintain continuous head when base-plate grouting. Mortar flow should not be interrupted. Formwork should not allow grout loss. Prepare mortar in the following sequence. Fill water into mixer, then add sand followed by cement and lastly **Congrout Aid**. Do not mix for more than 2-3 minutes. After mixing immediately pour the mortar/grout into the prepared cavity. For mixing use a grout mixer or low speed drill (max. 500 rpm.) with a disc agitator.

Notes:

- If wet sand is used reduce water content.
- Sand should be well graded, clean river sand 0-3 mm.
- Good curing practise must be maintained e.g. **Corcure 90** curing compound.

CONSUMPTION

Example of mix design for 1 m³ of mortar. Water can be varied depending on flow requirements.

Cement Type I	838 kg.
Sand	930 kg.
Congrout Aid	91 kg.
Water	372 litre

PACKAGING

20 kg. 4 ply plastic lined bags.

CLEANING

Clean all tools immediately after use with water.

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 Aid is non-hazardous, but work cleanly and wear protective clothing. In windy conditions wear a filter mask to avoid inhaling dust. Remove splashes from skin with water and in case of eye contact wash copiously with water.

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 : 2015 verified by TUV Nord.

ISO 14001 : 2015 verified by Lloyd's Register International.

CONTACT DETAILS

Cormix International Limited

89 Romklao Rd., Sansab, Minburi, Bangkok 10510

Tel. (66 2) 917 3955-8

<http://www.cormix.com>

E-mail: info@cormix.com

Rev.009 Mar 2023