

Addi- Grout

Expanding and Water - Reducing Admixture for Concrete and Mortar Grout.

Description:

- **ADDI-GROUT** is a metallic - brown powder based on modified expanding and plasticising agents.
- Specification : BSEN 447 .

Fields of Use:

- It is mixed with cement or cement-sand mortar for use in grouting under machine and bridge supports, anchorage bolts, cable ducts, pipe joints and temporary structures, it is also suitable for joining pre-cast concrete units and repair works where shrinkage should be avoided.
- Grout for prestressing tendons .

Advantages:

- Can be used with all kinds of Portland Cement to produce controlled expansion and improved fluidity with lower water content. The expansion occurs before the initial setting, thus insuring permanent positive adhesion to the grouted areas.
- The high plasticising effect of **ADDI-GROUT** results in a considerable increase in the strength under restrained conditions.

Technical Data : (at 25 °C)

Appearance	Powder
Density	0.64 ± 0.02 kg/l
Compatibility with cement	All types of
Compressive strength	Comply with the requirement of BSEN 447
Fluidity	Comply with the requirement of BSEN 447
Rate of use	225g / 50 Kg cement

Directions for Use:

- The surfaces of the grouted area must be clean and free from all dirt,oils, grease etc. It must be thoroughly wetted with water 24 hours before grouting.
- Mix the cement with the specified quantity of water in the mixer then add the **ADDI- GRQUT** at a rate of 225 gm. per 50kg. of cement.
- Add the sand (if required) and mix thoroughly.
- The grout should be placed immediately after mixing.

Mixing ratios of grout ingredients:

- 50kg Portland cement.
- 20 litre water.
- 225 gm. Addi-Grout.
- 50kg. sand (if required).

Storage / Shelf Life:

- 3 Years under suitable storage conditions.

Packages:

- 450gm, 5 kg and 20 kg.