

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.

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.

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 : (25 °C)

Appearance	Powder
Density	0.64 ± 0.02 kg/l
Compatibility with cement	All types of

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 (W/C ratio ranges between 0.4-0.8), then add the **ADDI-GRQUT** at a rate of 225 gm. per 50kg. of cement.
- Add the sand and aggregate (if required) and mix thoroughly.
- The grout should be placed immediately after mixing.

Rate of Use:

- 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.