

# NUGROUT EGA

## Expanding Grout Admixture

### Description

Nugrout EGA is a chemically based expanding grout admixture with plastercising properties designed for use with Portland Cements. Incorporation into a sand cement mix creates a slight expansion which counteracts the normal settlement and shrinkage leaving an overall slight expansion which ensures a perfect bond when grouting.

### Advantages

- Slight expansion ensures perfect bond with all contact surfaces.
- Reduces any bleeding tendency of the mix.
- Plastercising effect enables a lower water/cement ratio to be used thus increasing durability and strength.
- Improves resistance to frost and fire damage.

### Packaging

Nugrout EGA is packed in a 4kg unit containing 20 x 200 gm sachets.

### Health & Safety

Nugrout EGA presents no undue hazard. Avoid breathing dust and avoid contact with the skin. Wash hands with soap and water after handling this material.

### Technical Information

Typical expansion of a 2:1 sand/cement mix by weight containing Nugrout EGA is in the range of 0.75 - 1.5% while a control specimen showed a 0.70% shrinkage.

### Procedure

The cement aggregates and Nugrout EGA should be thoroughly mixed in the dry state before the water is added. One pack of Nugrout EGA is required for every 50 kg pack of Portland Cement. This mix should be kept as dry as possible consistent with the use of which it is to be put. After mixing for approximately 3 minutes the material should be placed as soon as possible. N.B. Surfaces which are to be grouted should be thoroughly saturated with clean water before application of the grout. For normal concrete mixes, i.e. 1:2:4 mix, the quantity of Nugrout EGA should be increased to 2 packs per 50 kg of cement as the reaction only occurs with the cement pastes.

### Limitations

For use with Portland Cement only. Should not be used with High Alumina Cements. Do not use below 5°C.

### Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.