

Plasticising Expanding Grout Admixture

Adogrout is an admixture in powder form that includes an expanding medium and plasticising agent. The expanding medium generates gas during the hydration process counteracting normal settlement and shrinkage and leaving a slight overall expansion. Expansion takes place before initial set and a built in delaying action allows time for placing and compaction.

Advantages

- A positive expansion to ensure permanent high bond to all contact surfaces
- Improved flow properties with lower water : cement ratios
- High compressive strengths
- A homogeneous mix free from bleeding and segregation
- Improved resistance to frost

Application

Use

To 50 kilogrammes of Portland cement use 1 carton of Adogrout. The cement or cement and aggregates should be thoroughly mixed dry together with Adogrout. The gauging water should then be added to obtain the required consistency, keeping the mix as dry as possible, consistent with placing conditions. After mixing for a minimum of 3 minutes, material should be placed as soon as possible.

Adogrout reacts only with the cement paste in the matrix, therefore when using with normal concrete, such as a 1:2:4 mix the use of Adogrout should be doubled.

Adogrout is completely non hazardous; it is suitable for use with all Portland cements but should not be used with High Alumina Cement

Suggested Mixes

For Pumping Grouts for Ducts etc

50 kilos Portland Cement

23 litres water

1 container Adogrout

Yield: approx. 37 litres

For gravity fed grouts (grouting machine beds, station bases bridge bearings etc)

50 kilos Portland Cement

50 kilos clean washed sharp sand

23 litres water (inclusive of sand moisture content)

1 container Adogrout

Yield: approx. 75 litres

The water contents shown should be treated as approximate only and mix should be kept as dry as possible consistent with placing conditions

Storage

Store in dry conditions and keep the container sealed when not in use.

Shelf Life

When stored correctly, the shelf life is 12 months unopened

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Specification

Adogrout is manufactured by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

A red arrow pointing to the right, located to the left of the "Health and Safety" header.

Health and Safety

ADOGROUT is a fine powder dispersion and therefore contact with skin and eyes should be avoided. If contact with skin should occur wash affected area well. Should material enter eyes irrigate thoroughly with clean water and if discomfort continues seek medical advice without delay. Refer to separate ADOGROUT Health and Safety sheet.