

GP GROUT

Product code

TG100 Packaging listed overleaf

Description

GP Grout is a Portland cement based non-shrink grout with good flow and moderate strength properties. The general purpose grout is suitable for placing in situations where the highest mechanical strength cementitious grout properties are not required. GP Grout is a pre-packed single component grout only requiring the addition of water on site resulting in consistent structural support. The grout is easy to mix and place on site by the means of a grout mixer or drill and paddle followed by pouring or pumping.

Plastic settlement and shrinkage are prevented by the shrinkage compensated mix design. Low mixing water demand results in the hardened grout giving good freeze-thaw stability, low water absorption plus resistance to oil, sea water and mild alkali attack. The grout is chloride free, can be safely used in contact with steel and can be placed in section thicknesses of 10mm up to 100mm.

Uses include: Stanchion bases
Underpinning
Void filling

Typical Grout Properties @ 20°C

Compressive strength

Water addition: 4.00 Litres per 25 kg bag GP Grout

1 Day	3 Days	7 Days	28 Days
21N/mm ²	30N/mm ²	45N/mm ²	57N/mm ²

Density: 2100 kg/m³
Usable time: 20 Minutes after mixing

Specification Outline

Grouting shall be carried out using GP Grout as manufactured by Tecroc Products Ltd. The product must be stored, handled and placed strictly in accordance with the manufacturer's instructions.

Quality Assurance

Tecroc products Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN 9002:1994 and is assessed by SGS Yarsley International Certification Services Ltd.

Standards

GP Grout has been tested in accordance with appropriate parts of the following standard : B.S.1881

Instructions For Use

Preparation

Formwork should be erected and made grout-tight. The formwork must be designed with sufficient hydrostatic head to ensure grout flow into and across the grouting area. Saturate the grouting area with water, check for leaks, leave for 1 hour and then blow out any surplus water.

Mixing

Pour 3.75 to 4.25 litres of clean water into the mixing vessel for each complete bag of GP Grout. Slowly add the GP Grout to the water whilst continually mixing. Mechanical mixing is preferable using either a high torque slow speed drill with a Grout Stirrer or a grout mixer set on a slow speed. (High speed or colloidal mixing will cause thixotropy leading to loss of flow).

Placing

Grout should be placed within 20 minutes after start of mixing. Continuous placing is important, pouring from one side of the formwork until the grout appears at the opposite side of the grouting area. Do not disturb once grouting has been completed. GP Grout may be placed at temperatures between 5°C and 45°C. For placing temperatures outside this range contact the Technical Service department.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin & Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

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Instructions For Use

Curing

Placed grout which is exposed should be cured in accordance with good concrete practice including water spray and spray applied curing membrane.

Precautions

Health and Safety

GP Grout is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet

Fire

GP Grout is non-flammable

Yield

Each 25kg bag of GP Grout will yield approximately 13.75 litres of mixed material.

Storage And Shelf Life

GP Grout will have a storage life of 12 months in unopened bags when kept in dry conditions at a temperature between 5°C and 45°C. Storage at higher temperatures and high humidity may reduce shelf life.

Packaging And Ordering

GP Grout is supplied in:

25kg valve sack bags Product Code TG100

For further information and sales please contact your local Tecroc Products office as listed below.

Tecroc Products Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Tecroc Products Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Tecroc Products Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

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