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

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<th>Water addition: 4.00 Litres per 25 kg bag GP Grout</th>
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<td>1 Day</td>
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<td>21N/mm²</td>
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Density: 2100 kg/m³
Usable time: 20 Minutes after mixing

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.

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.
GP GROUT

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.