

DRY PACK GP

Product Codes

TP47, Packaging listed overleaf.

Description

Dry Pack GP is a Portland cement based powder mix including special shrinkage compensating components. The mixed material produces a general purpose dry packing mortar which may be rammed into gaps between concrete units, without the use of shuttering, to create a supporting fill.

The pre-packed product is ready to use and only requires the addition of water on site. The incorporation of shrinkage compensating additives ensures that the placed mortar maintains contact within the filled section. The mortar is chloride free and can be safely used in contact with reinforcing steel.

Dry Pack GP can be used for placing in horizontal and vertical gaps and may be rammed into place within gaps of 5mm to 100mm.

Uses include: All dry packing applications.
Support of pre-cast concrete units.
Placement in gaps to form a fill without the use of shuttering.

Typical Properties @ 20°C

Compressive strength

Water addition:

2.0 Litres per 25 kg bag Dry Pack GP

1 Day	3 Days	7 Days	28 Days
8N/mm ²	16N/mm ²	21N/mm ²	30N/mm ²

Density 2240 kg/m³.

Setting Times Initial: 210 minutes
Final : 240 minutes.

Specification Outline

Dry packing operations shall be carried out using Dry Pack GP as manufactured by Tecroc Products Ltd.

The product must be stored, handled and used 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

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

Instructions For Use

Preparation

Contact surfaces should be sound, clean and provide a mechanical key. Remove all loose material, plaster, paint and oily deposits.

Priming

The prepared surfaces should be pre-dampened. Remove any standing water before placing the Dry Pack GP mortar.

Mixing

Dry Pack GP is supplied in 25kg bags. The water requirement to produce the mortar is:
1.5 to 2.5 litres of water per 25kg bag.

Pour the required quantity of water into a suitable mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing is recommended. Suitable mixers include a slow speed high torque drill with a Mortar Stirrer or a forced action mixer such as the Creteangle or Mixal. Mixing should be continued to form an even mortar of consistency suitable for ramming into place.

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Instructions For Use

Placing

Place the Dry Pack GP mortar firmly into the prepared gap. Use a suitable ramming tool to ensure complete filling of the gap and compaction of the mortar. Allow the mortar to stiffen then finish the exposed surface with a dampened steel trowel.

Dry Pack GP may be placed at temperatures between 5°C and 35°C. For application at temperatures outside this range contact the Technical Service Department.

Curing

Curing of exposed surfaces should be undertaken in accordance with good concrete practice. Suitable methods of curing include water spray, polythene sheeting and the spray applied concrete curing membrane Polycure.

Precautions

Health and Safety

Dry Pack GP 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

Dry Pack GP is non-flammable

Yield

Each 25kg bag of Dry Pack GP will yield approximately 11.50 litres of mixed material.

Storage And Shelf Life

Dry Pack GP 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 or high humidity may reduce shelf life.

Packaging And Ordering

Dry Pack GP is supplied in 25kg valvesack bags:
25kg valvesack bags Product Code TP47
Polycure is supplied in 5 litre polybottles:
5 litre polybottles Product Code AF03

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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