

TECHNICAL DATA

Revision Date 01/2008

DRY PACK C WHITE

Product Codes

TP62, Packaging listed overleaf

Description

Dry Pack C White is a Portland cement based powder mix including special plasticising and shrinkage compensating components. The mixed material produces a mortar of high strength reaching 38N/mm² at 1 day and 64N/mm² at 28 days. The single pack product only requires the addition of water for on site mixing. The plasticising additives enable a dry packing mortar to be produced at a low water to powder ratio. The placed mortar is volume stable and maintains good contact with infill faces giving total support to upper units. Dry Pack C White is chloride free and can be safely used in contact with steel reinforcement.

Uses include: Placing in horizontal and vertical gaps where a cementitious infill is required for structural support
May be rammed into place within gaps of 5mm to 100mm.

Typical Mortar Properties @ 20°C

Compressive Strength

Water addition

2.25 Litres per 25 kg bag Dry Pack C White

1 Day	7 Days	28 Days
38N/mm ²	57N/mm ²	64N/mm ²

Density 2100 kg/m³
Setting Times Initial 210 minutes
Final 240 minutes

Standards

Dry Pack C White has been tested in accordance with appropriate parts of the following standards: B.S. 1881

Specification Outline

Dry packing operations shall be carried out using Dry Pack C White 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 ISO 9001:2000 and is assessed by SGS Ltd Systems and Services Certification.

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 C White mortar.

Mixing

Dry Pack C White is supplied in 25kg bags. The water requirement to produce the mortar is: 25kg bag : 2.25 to 3.0 litres of water
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 Cretangle. Mixing should be continued to achieve a smooth lump free mortar.

Placing

Place the Dry Pack C White 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 C White 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 spray applied concrete curing membrane.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

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Precautions

Health and Safety

Dry Pack C White 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 C White is non-flammable

Yield

Each 25kg bag of Dry Pack C White will yield approximately 12.3 litres of mixed material.

Storage And Shelf Life

Dry Pack C White will have a storage life of 6 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

Dry Pack C White is supplied in 25kg valve sacks.
25kg valve sack bags Product Code TP62

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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