

TECHNICAL DATA

01/2008

Revision Date

DRY PACK C

Product Codes

TP43, Packaging listed overleaf.

Description

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

The factory batched 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 C 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 to 2.25 Litres per 25 kg bag Dry Pack C

1 Day	3 Days	7 Days	28 Days
16N/mm ²	34N/mm ²	38N/mm ²	48N/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 C 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.

Standards

Dry Pack C 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 C mortar.

Mixing

Dry Pack C 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 Creteangle or Mixal. Mixing should be continued to form a mortar of consistency suitable for ramming into place.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

Head Office
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

Irish Distributor
Construction Chemical Supplies
Unit 219
JFK Road JFK Industrial Est
Dublin 12
Tel: 00 353 1 450 3896
Fax: 00 353 1 450 3298

Web site: www.tecroc.co.uk

E-mail: enquiries@tecroc.co.uk

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Instructions For Use

Placing

Place the Dry Pack C 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 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 such as Polycure.

Precautions

Health and Safety

Dry Pack C 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 the Product Safety Data Sheet.

Fire

Dry Pack C is non-flammable

Yield

Each 25kg bag of Dry Pack C will yield approximately 11.5 litres of mixed material.

Storage And Shelf Life

Dry Pack C 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 or high humidity may reduce shelf life.

Packaging And Ordering

Dry Pack C is supplied in:
 25kg valvesack bags Product Code TP43
 Polycure is supplied in:
 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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