

## TERRAPOINT 5 – 18 – 40

### Product Codes

TPT01, TPT05, TPT09  
Packaging listed overleaf.

### Description

Terrapoint is a family of mortars designed for mechanical re-pointing. The mix designs are based on Portland cement, PFA, hydrated lime, specially graded silica sands and admixtures to assist mixing and placing. Terrapoint 5, 18 and 40 provide suitable mortars to re-point weak/soft brick through to high strength stone/concrete. The Terrapoint mortars are suitable for placing through all types of purpose designed re-pointing equipment and advice is available on request from the Technical Department. The single pack products are supplied ready for on site mixing using a slow speed high torque drill and paddle or forced action pan mixer.

**Uses include:** Re-pointing joints in brick arches, tunnel and culverts.  
Re-pointing of brick sewers.  
Repair works on sea walls, docks and harbours.

### Typical Mortar Properties @ 20°C

#### Compressive Strength

Water addition 4.5litres per 25kg Terrapoint

Grade	3 Days	7 Days	28 Days
5	4N/mm <sup>2</sup>	5N/mm <sup>2</sup>	6N/mm <sup>2</sup>
18	7N/mm <sup>2</sup>	11N/mm <sup>2</sup>	16N/mm <sup>2</sup>
40	15N/mm <sup>2</sup>	20N/mm <sup>2</sup>	31N/mm <sup>2</sup>

### Setting Times

	Initial Set (Hours)	Final Set (Hours)
Grade 5	4	12
Grade 18	3 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>
Grade 40	3	9

### Standards

Terrapoints have been tested in accordance with the appropriate parts of BS 1881

### Specification Outline

Pressure pointing works shall be carried out using Terrapoint 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 ISO 9002:1994 and is assessed by SGS Yarsley International Certification Services Ltd.

### Instructions For Use

#### Preparation

Joints should be raked out and washed thoroughly to remove loose material. Excess water should be removed prior to pointing.

#### Mixing

Terrapoint is supplied in 25kg bags. The water requirement is 4.5 litres for each bag. Pour 4.5 litres of clean water into the mixing vessel for each complete bag of Terrapoint to be used. Slowly add the powder to the water whilst continually mixing. Carry out mechanical mixing using either a high torque slow speed drill with a Mortar Stirrer or a forced action pan mixer. Continue mixing until a smooth lump free mortar is achieved.

#### Placing

Load the mixed Terrapoint mortar into the application plant in accordance with the plant manufacturers instructions. Slightly over-fill the prepared joints and leave the placed mortar to stiffen then finish to the required profile.

#### Curing

Protect the placed joint mortar from rapid drying in warm sun or strong wind conditions. Water mist is suitable as a curing method.

Terrapoint may be placed at temperatures of between 5°C to 35°C. For placing outside this temperature range consult the Technical Service Department.



Grouts



Structural Support  
Mortars



Concrete Repair  
Products



Construction  
Adhesives



Resin &  
Cementitious  
Anchors



Highway  
Products



Coatings



Waterproofing



Ground  
Engineering

# TERRAPOINT

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### Precautions

#### Health and Safety

Terrapoint 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

Terrapoint is non-flammable

#### Yield

Terrapoint is packed in 25kg bags.

The yield of mixed mortar obtained for each bag, is approximately 13 litres.

#### Storage And Shelf Life

Terrapoint Mortar should be stored under cover and protected from rain and frost. The storage life of unopened bags will be 3 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures or high humidity may reduce the shelf life.

#### Packaging And Ordering

Terrapoint is supplied in 25kg valvesack bags.

Terrapoint 5 25kg bag Product Code TPT01

Terrapoint 18 25kg bag Product Code TPT05

Terrapoint 40 25kg bag Product Code TPT09

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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