

TERRAPOINT

AW18—AW30—AW40

AWA40

Product Codes

TPAW01, TPAW03, TPAW05, TPAW07
Packaging listed overleaf.

Description

Terrapoints AW and AWA are a family of mortars designed for mechanical re-pointing in wet vertical and horizontal areas. The mix designs contain Portland cement, PFA, silica sands, polymer reinforcement to resist water wash out and admixtures to assist mixing and placing. Terrapoint AW18, AW30 and AW40 provide suitable mortars to re-point moderate strength backgrounds through to high strength stone and concrete. Terrapoint AWA40 has the additional characteristic of rapid setting for use in high water flow conditions. The Terrapoint mortars may be placed using 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 Mortar Stirrer. Other types of mixers are not suitable due to the high cohesive nature of the anti wash out products.

Uses include: Re-pointing of wet joints in brick arches, tunnel and culverts.
Wet re-pointing work in brick sewers.
Tidal and non-tidal repair works on sea walls, docks and harbours.

Typical Mortar Properties @ 20°C

Compressive Strength

Water addition 4.5litres per 25kg Terrapoints AW

Water addition 6.25 litres per 25kg Terrapoint AWA

Grade	3 Days	7 Days	28 Days
AW18	8N/mm ²	12N/mm ²	20N/mm ²
AW30	14N/mm ²	20N/mm ²	30N/mm ²
AW40	19N/mm ²	26N/mm ²	40N/mm ²
AWA40	19N/mm ²	26N/mm ²	40N/mm ²

Setting Times

	Initial Set (Hours)	Final Set (Hours)
Grade AW18	5	14
Grade AW30	3	9
Grade AW40	2	7
Grade AWA40	1	4

Standards

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

Specification Outline

Wet pressure pointing works shall be carried out using Terrapoint AW and AWA 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 loose material washed away.

Mixing

Terrapoints AW and AWA are supplied in 25kg bags. The water requirement is 4.5 litres for each bag of grade AW and 6.25 litres for each bag of grade AWA. Pour the required quantity 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 a high torque slow speed drill with a Mortar Stirrer. 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. Where required, leave the placed mortar to stiffen then finish to the required profile.

Curing

In wet conditions no special curing is required. Terrapoints AW and AWA may be placed at temperatures of between 5°C to 35°C. For placing outside this temperature range consult the Technical Service Department.

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Engineering

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Precautions

Health and Safety

Terrapoints are 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

Terrapoints are non-flammable

Yield

Terrapoints are packed in 25kg bags.
The yield of mixed mortar obtained for each bag:
Grade AW Approximately 14 litres.
Grade AWA Approximately 15 litres.

Storage And Shelf Life

Terrapoint Mortars 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

Terrapoints are supplied in 25kg valvesack bags.
Terrapoint AW18 Product Code TPAW01
Terrapoint AW30 Product Code TPAW03
Terrapoint AW40 Product Code TPAW05
Terrapoint AWA40 Product Code TPAW07

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.