

KERBFIX SUMMER-WINTER

Product Codes

DH05s, DH05w Packaging listed overleaf

Description

Kerbfix is a polyester resin based material used for the bedding and fixing of kerbstones and precast barrier units to Macadam and concrete road surfaces. The product is supplied as a two pack system ready for on site mixing, consisting of a tin of base resin and a bag of catalysed filler. The mixed mortar will harden to give rapid strength gain reaching 25N/mm₂ in 2 hours. The bond strength, when adhering kerbstones or concrete units to roadways, will allow same day trafficking on trunk roads and estate roads. The placed fixtures will resist compressive and high impact loads. The chemical mechanism will continue at temperatures down to 0°C with only a small increase in hardening time.

The hardened mortar is resistant to chemical attack from petroleum products and road salt.

Uses include: Fixing of kerbstones to roadways.
Fixing of concrete barrier units.
Most rapid opening of newly fixed kerbs and concrete units

Typical Mortar Properties @ 20°C

Working Time

Winter Grade 8 - 12 minutes
(above 20°C setting will be rapid)
Summer Grade 18 - 22 minutes
(below 10°C setting will be extended)

Compressive Strength

2 Hours	6 Hours	8 Hours	1 Day
25N/mm ₂	70N/mm ₂	78N/mm ₂	80N/mm ₂

Density 1900kg/m³
Shrinkage Less than 1% linear

Specification Outline

Bonding and bedding of kerbstones and concrete units shall be carried out using Kerbfix 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 9001:2000 and is assessed by SGS Ltd Systems and Services Certification.

Standards

Kerbfix has been tested in accordance with the relevant parts of BS 6319

Instructions For Use

Preparation

Mark out the area where the kerbs or units are to be placed. Remove laitance and all loose material including dust, oil and grease to achieve a sound substrate. Working surfaces should be in a surface dry condition.

Mixing

For single pack mixing, pour the resin into a suitable mixing vessel such as a rubber or polythene bucket. Slowly add the catalysed filler whilst continuously mixing. Mixing can be carried out using a slow speed high torque drill and Mortar Stirrer. For larger mixes a forced action Creteangle or Mixal mixer should be used.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

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Instructions For Use

Placing

Apply the mixed mortar to the marked out and prepared roadway area. Use a clean trowel ensuring that the mortar is pressed well onto the substrate.

Mortar can be placed in single layers between 5mm and 25mm.

Lower the kerbstone or concrete unit carefully onto the placed mortar bed and knock down to line and level.

Clean tools with Solvent before Kerbfix has started to harden.

Curing

No special curing is required for the placed kerbs, units or mortar.

Protect the placed kerbs and units from vehicle impact for the first 2 hours after setting

Precautions

Health and Safety

Kerbfix is a resin based product. Resins and solvents may cause allergic reactions in some people. Wear gloves, use barrier cream on unprotected skin areas and wear eye protection when mixing, using and cleaning. Ensure adequate ventilation to prevent inhalation of vapours. If skin contact occurs remove resin immediately with cleansing cream and wash with soap and water. Do not use Solvent. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. If swallowed do not induce vomiting. Seek medical advice immediately.

Full health and safety data are given in Product Safety Data Sheet

Fire

Kerbfix is classified as flammable.

Solvent is flammable.

Should fire occur extinguish with CO₂ or foam.

Yield

The volume yield of each 15 kg pack of Kerbfix is approximately 7.5 litres of mixed mortar.

Storage And Shelf Life

Kerbfix will have a storage life of 6 months in unopened containers when kept in dry conditions at a temperature between 5°C and 25°C. Storage at higher temperatures or high humidity may reduce shelf life.

Packaging And Ordering

Kerbfix is supplied in 15kg packs, Summer and Winter Grades.

Summer Grade	Product Code DH05s
Winter Grade	Product Code DH05w

Solvent is supplied in 5 litre and 1 litre tins

5 litre tins	Product Code TM02
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1 litre tins	Product Code TM08
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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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