

Welcome

This is our interactive pocket guide to all PAREX products.

How to use the guide

- 1): Click on product titles to link directly to the product information page on our website where *technical data sheets, health and safety data sheets and other useful information can be downloaded
- 2): Click any section on the contents page to view that information
- 3): Use the alphabetical index at the end of this guide to quickly find a product
- 4): Use Ctrl F (Cmd F - Mac) to start a search. Key in what you are looking for and repeatedly press the return key until you find the desired information
- 5): Quickly jump to any section of the document at any time using the bookmarks panel on the left
- 6): Use the arrow keys on your keyboard to move through the pages of the guide

The buttons below can be found at the top of each page and offer quick links back to the following pages:

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*technical data sheets require you to register with our website before downloading the files.



PAREX GROUP
Building expertise, together

PAREX

Technical Mortars

Streetscape & Façade Mortars

Render Systems & Façade Solutions

POCKET GUIDE

VERSION 4.0

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PAREX

Specialist materials for civil engineering, infrastructure and construction

Parex Limited has an annual turnover of over £20 million and is part of the Parex Group which has worldwide interests in construction materials markets with:

- An annual turnover of almost 900 million Euros
- More than 3,600 employees
- Operations in 20 countries with 63 manufacturing facilities
- A strong presence in Western Europe, Asia Pacific, South and North America, North Africa and the Middle East

PAREX is the UK's leading customer focused manufacturer of specialist construction materials including grouts, resin anchors, concrete repair, paving and render systems for the construction and civil engineering industries.

PAREX provides reliable and cost-effective solutions across a broad range of projects in new build, repair, maintenance, civil engineering, railway and highways applications.

Parex materials are manufactured in the UK and EU to International Quality Standards (ISO 9001:2015) and many hold individual sector-specific approvals and accreditation.

PAREX also works hand-in-hand with its customers to develop specialist materials to meet specific needs.

Service and Quality

PAREX's reputation is built upon the quality of its products and unsurpassed levels of technical support from highly experienced staff who combine technical expertise with a hands-on approach to meeting construction challenges.

- Manufacturing to Quality Assurance systems approved to ISO 9001:2015
- Full technical helpdesk service with on-site support where required
- Extensive In-house test and development facilities
- Direct-to-site delivery through nationwide distribution network.

Your PAREX Technical Mortars Pocket Guide

This guide provides an overview of PAREX's range of quality-assured material systems. It contains sufficient detail to allow you to identify suitable products from the PAREX range.

However, more detailed product literature, technical data sheets, method statements and safety data information can be supplied on request or via our website at www.parex.co.uk.

For all enquiries, we recommend that you contact our Technical Sales staff at the address below before finalising your requirements.



PAREX Products – Meeting the Standards

PAREX Limited devotes considerable resources and technical expertise towards ensuring that its materials comply with the latest relevant British & European industry standards.

BSEN 1504 - Products and Systems for the Protection and Repair of Concrete Structures.

This Europe-wide standard is designed to cover all stages of concrete repair.

PAREX Products to help you

Items 2 to 7 of the standard are covered by the following PAREX products:-

Part 2 (Surface protection systems for concrete) 228 Lankolastic, a cement based coating and Paraguard, a water based product resistant to both water and graffiti.

Part 3 (Structural and non-structural repair) Five products cover the majority of repair principles and are - LA Repair Concrete(R4), Tecfast Concrete(R4), Lightweight Rapid(R4) and both Lanko Rep 731(R4) and 732(R2).

Part 4 (Structural bonding) please contact technical services for information on the extensive range of Parex adhesives.

Part 5 (Concrete injection) please contact technical services for information on crack injection solutions.

Part 6 (Anchoring of reinforcing steel bar) please contact technical services for information on the extensive range of Parex cementitious and chemical anchors.

Part 7 (Reinforcement corrosion control) 760 Lankopassiv.

Part 8 Quality control and evaluation of conformity is administered from specific PAREX manufacturing plants. PAREX UK is audited by CARES.

Part 9 Principles for use are clearly laid out in our comprehensive data sheets and website. Technical support is available over the phone or on site by arrangement.

Part 10 Site application is principally the responsibility of contractors and sub contractors however training for managers and operatives is available. Courses are certificated for your training records (QA) and administered by experienced personnel with many years' product training.

BES 6001 Sustainable Sourcing of Materials

PAREX holds BES 6001 accreditation for the sustainable resourcing of materials used for core products its portfolio.

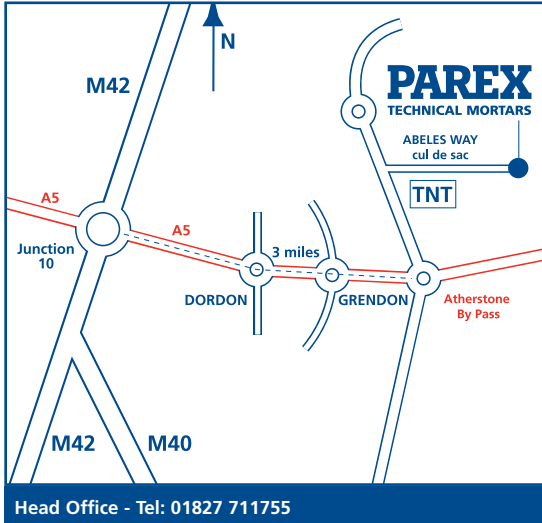
The accreditation applies to products in the PAREX Technical Mortars, Streetscape and Renders ranges and demonstrates a holistic approach, corporate social responsibility and ethical management of the environment throughout the supply chain.

BES 6001 is a further endorsement of PAREX's approach not only to ensuring the quality of products, but also providing customers with assurance that they are manufactured sustainably with respect for the environment.

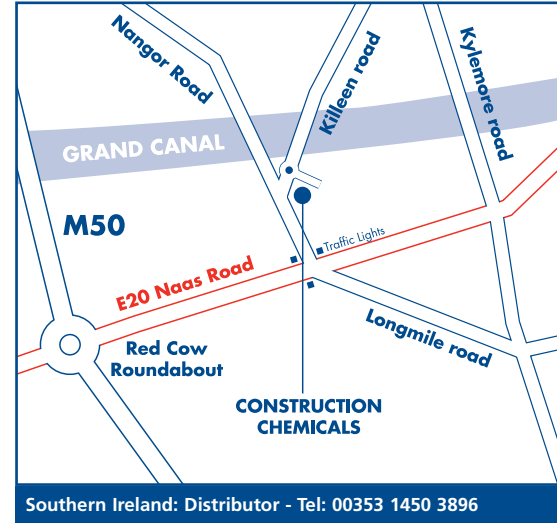
PAREX products which currently qualify under the provisions of BES 6001 are:

Bond Plus Mortar
Terracaulk 30
Thixotropic Joint Filter
Standard Mortar
Historic Mortar
Historic KL
Highway CA45
Highway CA1
Highway C2
Bedding Mortar SF
Drypack C

Settpoint
CS Grout
100 Newton Grout
100 Newton Grout AW
Cable Grout
TS Grout
Hiflow SC
***Trad-Dash top coat**
***Trad-Dash base coat**
***Trad-Dash wet coat**
(*special for Scotland)



PAREX are guaranteed against defective materials and manufacture. Products are sold subject to the PAREX Ltd Terms and Conditions of Sale, copies of which are available on request. PAREX Ltd endeavours to ensure that published data and 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.



* [Click maps to view on Google maps](#) *

GROUTS

Cement Based

100 Newton Grout Premium strength grout. Ultra high strength grout and support systems for crane rails, stanchion bases, machine bed plates, ground anchors and bridge bearing seats.

Strength 3day 70N/mm²
28day 105N/mm²



Thickness 10mm - 100mm

(Anti washout and concrete versions available to special order)

A Grout Plasticising expanding admixture. Designed to be added to cement or sand/cement mixes on site.

Strength - 3day 26N/mm²
cement 28day 44N/mm²

Strength - 3day 21N/mm²
sand/cement 28day 41N/mm²

Cable Grout Very high workability grout. Designed for post tensioned ducts, thin sections. Meets Clause 9 Concrete Society Technical Report 47. Complies with EN445 & 447. CARES certified product for Post Tensioning.

Strength 1day 18N/mm²
28day 65N/mm²



Product Code Pack Weight Yield

TG102 15kg tub 7.8ltrs

TG137 25kg bag 13ltrs

TG04 200g tub N/A

TG108 20kg bag 13ltrs

Product Code Pack Weight Yield

CS Concrete High Strength concrete. Designed for thick sections under base plates, crane rails, etc.

TG08 25kg bag 12.3ltrs

Strength 1day 25N/mm²
28day 65N/mm²

Thickness 50mm to 150mm

NB: CS Concrete 2400 available for the nuclear industry

TG114 25kg bag 11ltrs

CS Grout High Strength flowable grout. Designed for base plates, crane rails, bridge bearings. Highways Specification Clause 2601. Holds Fire Cert No. LPC TE84257.

TG01 25kg bag 13.25ltrs

Strength 1day 30N/mm²
28day 70N/mm²



Thickness 10mm to 100mm

CSW Grout Water resistant grout. Designed for grouting under wet conditions; tunnels, culverts, marine structures and sea defences.

TG03 25kg bag 13.25ltrs

Strength 1day 20N/mm²
28day 56N/mm²

Thickness 10mm to 100mm

CSU Grout Underwater resistant grout. Same strength and thickness as CSW above. Designed for grouting in underwater conditions.

TG02 25kg bag 13.25ltrs

GP Grout General purpose flowable grout. Designed for use where the highest mechanical properties, as given by CS Grout, are not required.

Strength 1day 21N/mm²
28day 57N/mm²

Thickness 10mm to 100mm

Hi-Flow SC Grout High flowing, shrinkage compensated grout. This free flowing cementitious grout has been designed for the grouting of ducts, voids and fine fissures.

Strength 1day 20N/mm²
28day 60N/mm²

Thickness 5mm to 30mm

Speedsure S Grout Rapid early strength grout. Designed for high early strength gain and rapid return to use on car parks, forecourts, loading bays, base plates etc.

Strength 1hr 12N/mm²
1day 40N/mm²
28day 70N/mm²

Thickness 10mm to 100mm



Product Code	Pack Weight	Yield
TG100	25kg bag	13.75ltrs

AG11	20kg bag	15ltrs
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AG03	25kg bag	12ltrs
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Thiopump S Grout Low density high volume void filler. Designed to seal rock and masonry fissures. Initial Set 7.5 hours. Final Set 9 hours.

Strength 1day 4N/mm²
28day 23N/mm²

Thickness 5mm to 50mm

TS Grout High workability grout. Designed for small thicknesses. Good pumpability.

Strength 1day 28N/mm²
28day 62N/mm²

Thickness 10mm down - non structural
10 to 50mm - structural situations

White CS Grout White high strength flowable grout. Designed for grouting aesthetic white or pale shade concrete.

Strength 1day 20N/mm²
28day 67N/mm²

Thickness 10mm to 100mm

Product Code	Pack Weight	Yield
AG20	20kg bag	17.8ltrs

TG33	25kg bag	15ltrs
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TG15	25kg bag	13.25ltrs
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Polyester Resin Based

Polyester Grout (Summer and Winter Grades) High strength low viscosity grout. Designed for high early strength, can be used down to 0°C.

Strength 2hrs 50N/mm²
1day 80N/mm²

Thickness 3mm to 15mm

Railfast Grout Outstanding performance grout. Used predominantly for rail possession work where exceptional performance is required.

Strength 1hr 60N/mm²
1day 85N/mm²

Thickness 10mm to 25mm
(with aggregate) 25mm to 75mm

Epoxy Resin Based

Epoxy Injection Grout Crack injection grout Designed for very small gaps, low viscosity, very high 1 day strength, high bond strength. Anchoring product.

Strength 1day 60N/mm²
7day 80N/mm²

Thickness 0.25mm to 10mm

Product Code Pack Weight Yield

TG05(s) 11.55kg 7.5ltrs
box
TG05(w) 11.55kg 7.5ltrs
box

TG123 35.5kg 16.5ltrs

TG06 1.13kg 1ltrs
box
TG07 0.28kg 0.25ltr
box
TG10 6.08kg 5.62ltr
box

EN1504-3 Compliant

Product Code Pack Weight Yield

Epoxy Thixotropic Injection Grout Pump and stay epoxy grout. Designed to stay in place when pumping pressure stopped. EN1504-3 Applied for.

TG89 0.30kg 0.25ltrs
box
TG90 1.19kg 1ltr
box

Strength 1day 50N/mm²
7day 70N/mm²

Thickness 0.25mm to 10mm

Epoxy Thixotropic Crack Bonder Stay in place construction adhesive.

TG97 1.90kg 1ltr
box

Designed for filling and bonding of cracked concrete and brickwork. Unique design allows the material to be pumped or injected into gaps without the use of shuttering. For filling gap widths between 1 to 40mm.

Strength 1day 50N/mm²
7day 70N/mm²

E20 Epoxy Grout As E33 designed for narrow sections.

TG60 24.6kg 12.5ltrs
box

Strength 1day 63N/mm²
7day 85N/mm²

Thickness 8mm to 25mm

E33 Epoxy Grout Epoxy resin based high strength flowable grout.

Designed for highest compressive, tensile, impact and flexural strength and resistance to vibration. Applications include base plates, crane rails and bridge bearings.

Strength 1day 63N/mm²
7day 85N/mm²

Thickness 10mm to 50mm

E70 Epoxy Grout As E33 designed for greater thickness.

Strength 1day 63N/mm²
7day 79N/mm²

Thickness 35mm to 75mm

E140 Epoxy Grout As E70 designed for greater thickness.

Strength 1day 63N/mm²
7day 78N/mm²

Thickness 70mm to 140mm

Epoxy Concrete Cohesive high durability concrete. Gives exceptional wear characteristics. Will take specified surface dressings to match existing. Ideal for manhole tops and trays.

Strength 1day 80 N/mm²
7days 84 N/mm²

Thickness 30mm to 150mm

Product Code	Pack Weight	Yield
TG12	28.57kg	14.75ltrs box
TG13	5.71kg	2.9ltrs tub

TG70	33.80kg	16.75ltrs box
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TG74	39.98kg	18.75ltrs box
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TG75	46.5kg	20.65ltrs
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STRUCTURAL SUPPORT MORTARS**Cement Based**

Bedding Mortar SF Fine Grade Bedding and Packing Mortar for the Precast Industry.

Product Code	Pack Weight	Yield
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TP109	25kg bag	13.0ltrs
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Strength 1day 20N/mm²
28day 50N/mm²



Thickness 10mm to 75mm

Dry Pack C Cementitious packing mortar. Designed for dry packing. Uses very low water to powder ratio to produce a 'rammable mix'.

TP43	25kg bag	11.5ltrs
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Strength 1day 16N/mm²
28day 48N/mm²



Thickness 5mm to 100mm

High Build Mortar Non slump high strength packing material. Designed for under plate and rail packing where shuttering is not appropriate.

TG26	25kg bag	12.5ltrs
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Strength 1day 40N/mm²
28day 65N/mm²

Thickness 10mm to 50mm

Pumpable Mortar Pumpable Mortar.

Designed to be placed by hand or pump applications for infilling of horizontal and vertical joints between precast concrete elements. Very high strength bricklaying mortar, used for bedding heavy units.

Strength 1day 20N/mm²
28day 53N/mm²

Thickness Vertical: 25mm to 50mm
Horizontal: 25mm to 125mm

Thixotropic Joint Filler Portland cement based grout with special additives.

Designed for thixotropic 'pump and stay' placing plus shrinkage compensation. Used to fill joints avoiding the use of formwork in between pc wall units.

Strength 1day 35N/mm²
28day 70N/mm²

Thickness 5mm to 100mm

Product Code	Pack Weight	Yield
TP45	25kg bag	13.5ltrs

TP48	25kg bag	13.5ltrs
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Polyester Resin Based

Polyester Mortar (Summer and Winter Grades). Polyester resin two pack mortar mix. Designed for rapid repairs to concrete, brickwork and masonry, and fixing brick slips. Cures down to 0°C.

Strength 2hrs 45N/mm²
24hrs 85N/mm²

Thickness 5mm to 15mm

Polyester Putty (Summer and Winter Grades). Two part polyester resin based rapid set bonding, bedding and jointing mortar. Adheres to most construction materials including concrete, brickwork and masonry. Summer and winter grades. Curing temperature range 0°C to 35°C. Rapid support of patras plates etc.

Strength 2hrs 45N/mm²
24hrs 80N/mm²

Thickness Up to 10mm

Product Code	Pack Weight	Yield
TP40(s)	14kg box	7ltrs
TP40(w)	14kg box	7ltrs

TP42(s)	14.5kg box	8ltrs
TP42(w)	14.5kg box	8ltrs

Epoxy Resin Based

Epoxy Mortar E High strength epoxy mortar. (Use in conjunction with Bondcoat UF primer). Designed to provide support in critical bearing situations eg bridge beams and construction joints. Resists vibration and many chemicals

Strength 1 day 80N/mm²
7day 101N/mm²

Thickness 10mm to 50mm

Epoxy Mortar E Fine Grade Fine grade version Epoxy Mortar E. (Use in conjunction with Bondcoat UF primer).

Strength 1day 75N/mm²
7day 90N/mm²

Thickness 25mm down to feather edge

Epoxy Mortar ET High build lightweight epoxy mortar. Designed for use in vertical and overhead situations. (Use in conjunction with Bondcoat UF primer).

Strength 7day 40N/mm²

Thickness Vertical: 5mm to 25mm
Horizontal: 5mm to 50mm
O/Head: 5mm to 25mm

Product Code Pack Weight Yield

TP04 16kg 8ltrs
TP19 5kg 2.5ltrs
box
tub

TP29 3kg 1.5ltrs
TP31 10kg 5ltrs
tub
TP44 32kg 16ltrs
box

TP05 11.5kg 11.0ltrs
TP114 3kg 2.85ltrs
box

Product Code Pack Weight Yield

Epoxy Putty High strength epoxy based putty. Produces a smooth finish to the repair of concrete units. Used for the installation of bridge beams, steel angles and patras plates etc.

TP75 3kg 1.5ltrs
tub
TP71 10kg 5ltrs
tub
TP72 32kg 16ltrs
pack

Strength 1day 75N/mm²
7day 90N/mm²

Thickness 25mm down to feather edge

Epoxy Putty LS High strength adhesive. Originally designed for lift shaft segment bonding. Very high grab characteristics lends the product to many applications.

TP131 10kg 5.7ltrs
tub

Strength 1day 75N/mm²
7day 90N/mm²

Thickness 25mm down to feather edge

CONCRETE REPAIR PRODUCTS

Primers and Bonders

Acrylic Latex Acrylic resin primer.
Designed for tack coat on concrete, blockwork, brickwork to bond repair materials to substrates.

Product Code	Pack Weight	Yield
ACR08	25kg	25ltrs
ACR13	5kg	5ltrs

polybottle



Bondcoat UF Two part epoxy bonding coat. Designed for high strength bonding of both cementitious and epoxy based mixes. 2 coats can be used as a DPM.

TM58	6.66kg	6.66ltrs
TM12	4kg	4ltrs
TM11	0.8kg	0.8ltrs

box



PAREX Latex Styrene Butadiene Latex. Designed to polymer reinforce site mix renders and screeds, bonding as latex or mixed with cement.

TP02	5kg	5ltrs
TP03	25kg	25ltrs

polybottle

TP24	200kg	200ltrs
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drum

Steel Primer Anti-corrosion primer.
Designed to coat and protect exposed steel reinforcement. Compatible with all PAREX repair materials, working life 30 minutes at 20°C, applied by brush, contains corrosion inhibitor.

ACR01	20kg	13.5ltrs
ACR04	5kg	3.37ltrs

bag tub



Thickness Up to 1mm

Product Code Pack Weight Yield

Cement Based

Acrylic Mortar (Summer and Winter Grades) Acrylic mortar. Designed to repair reinforced and unreinforced concrete. Contains a corrosion inhibitor, low alkali content less than 3kg/m³. Meets DTP BD27/86 Pt 6.

ACR03(s)	25kg bag	13.25ltrs
ACR02(w)	25kg bag	13.25ltrs

Strength 1day 10N/mm²
28day 52N/mm²

Thickness 5mm to 75mm

Aquaplug Rapid setting mortar. Designed to plug leaks and seal joints to resist inflow of water. Sets in less than 2 minutes.

EP701	10kg tub	6ltrs
EP702	25kg tub	14ltrs

Strength 1hr 14N/mm²
1day 30N/mm²
28day 58N/mm²

Aquatic Mortar Accelerated Very fast setting mortar. Designed for high early strength in wet or under-water situations. Applications include canals, rivers and reservoirs, tunnels, culverts and pipes, tidal and marine structures.

AA02	25kg bag	13.5ltrs
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Strength 2hrs 13N/mm²
28day 55N/mm²



Thickness 10mm to 60mm

	Product Code	Pack Weight	Yield
CR Mortar Co-polymer reinforced standard density repair mortar.	TP07	15kg tub	7ltrs
Designed for the repair of reinforced and non-reinforced concrete.	TP25	25kg bag	11.67ltrs

Strength 1day 34N/mm²
28day 65N/mm²

Thickness 20mm to 65mm

CR Mortar Fine Fine grade co-polymer reinforced standard density repair mortar.	TP12	15kg tub	7ltrs
Designed as fine version of CR Mortar. Use for thinner section repairs.	TP35	25kg bag	11.66ltrs

Strength 1day 23N/mm²
28day 52N/mm²

Thickness 4mm to 25mm

NB: Superfine and white versions available to special order

Epropatch Fast setting fibre reinforced mortar.	EP501	25kg bag	13ltrs
Designed for rapid concrete repairs. Meets DTp BD27/86 pt 6.	EP502	25kg tub	13ltrs

Strength 1hr 6N/mm²
1day 37N/mm²
28day 55N/mm²

Thickness 10mm to 50mm

	Product Code	Pack Weight	Yield
Eproskim Fast setting skimcoat.	EP401	25kg bag	13ltrs
Designed for rapid thin section repairs in horizontal and vertical situations. Meets DTp BD27/86 pt 6.	EP402	25kg tub	13ltrs

Strength 1hr 7N/mm²
1day 28N/mm²
28day 50N/mm²

Thickness 5mm to 20mm

FS Mortar Fast setting mortar.	EP301	25kg bag	11.5ltrs
Designed for rapid concrete repairs. Meets DTp BD27/86 pt 6.	EP302	25kg tub	11.5ltrs

Strength 1hr 12N/mm²
1day 30N/mm²
28day 60N/mm²



Thickness 10mm to 50mm

Kwikpatch Fair faced surfacing mortar.	TP53	25kg bag	14ltrs
Designed for making good blemishes and repairs to concrete. Developed for the precast concrete industry, rapid setting and strength gain, produces fair faced finish.			

Strength 2hrs 8N/mm²
28day 53N/mm²

Thickness 5mm down to feather edge

L.A. Repair Concrete Low alkali concrete. A high flowing, self-compacting, non-shrink, low alkali concrete that may be pumped or poured. Suitable for cathodic protection projects. Designed for use on bridges and soffits. Conforms to DTP BD27/86 clause 4 and "Specification for Highway Works" clause 1704.6.

Strength 1day 15N/mm²
28day 65N/mm²



Lightweight Mortar 14 Low density repair mortar. Polymer and fibre inclusion enables this product to give a fair faced finish when used in vertical, overhead and high build applications.

Strength 1day 8N/mm²
28day 24N/mm²



Thickness Layers greater than 10mm
Joint sections up to 75mm
Small pockets up to 120mm

Lightweight Mortar 18 Medium density repair mortar. Polymer and fibre inclusion enables this product to give a fair faced finish when used in vertical, overhead and high build applications.

Strength 1day 19N/mm²
28day 45N/mm²



Thickness Layers greater than 10mm
Joint sections up to 50mm
Small pockets up to 100mm

Product Code	Pack Weight	Yield
TP64	25kg bag	12.5ltrs

EN1504-3 Compliant

Product Code	Pack Weight	Yield
TP27	18kg bag	15ltrs

Product Code	Pack Weight	Yield
TP87	25kg bag	16ltrs

Lightweight Mortar Rapid Early strength repair mortar. Used in possession work or where rapid return to service is required. LUL approved product. Holds Warrington Fire Cert. N° 168083.

Strength 1hr 9N/mm²
28day 42N/mm²



Pouring Concrete High early strength concrete. Designed for new construction and concrete repairs, off shore and motorways. Incorporates 6mm non ASR reactive aggregates.

Strength 1day 50N/mm²
28day 90N/mm²



Thickness minimum 25mm

NB: 100N version available to special order

Rapid Mortar Co-polymer reinforced mortar. Designed to give rapid setting. All colour compatibility allowing accurate colour matching. Precast concrete repair product.

Strength 6hrs 10N/mm²
1day 20N/mm²
28day 43N/mm²

Thickness Vertical: 4mm to 30mm
Overhead: 4mm to 20mm

NB: Other colour versions available to special order

Product Code	Pack Weight	Yield
TP127	18kg	13.5ltrs

EN1504-3 Compliant

Product Code	Pack Weight	Yield
ACR05	25kg bag	11.75ltrs

TP13	15kg tub	7ltrs
TP39	25kg bag	11.67ltrs
TP17	15kg tub	7ltrs
TP15	15kg tub	7ltrs

SkimCoat Plus Co-polymer reinforced mortar. Designed as fairing coat to obtain a smooth regular surface finish.

Thickness 3mm down to feather edge

Speedcrete S Acrylic (Summer and Winter Grades). High early strength Co-polymer reinforced concrete, 6mm non ASR reactive aggregate.

Designed for use on car parks, forecourts, loading bays, bridge deck repairs, ramps. Meets DTp BD27/86 pt 6. LUL Approved product. Warrington Fire Cert. N° 66294

Strength 2hrs 25N/mm²
28day 70N/mm²



Thickness 20mm to 100mm

Super FG Very low and moderate temperature use mortar. Magnesium phosphate based designed for use in cold rooms and other extreme situations. Can be trafficked in less than 1 hour. Use down to -20°C.

Strength: 45mins 15N/mm²
28day 59N/mm²

Thickness: 8mm to 50mm

Product Code	Pack Weight	Yield
TP58	20kg bag	14ltrs

ACR14(s)	25kg bag	12ltrs
ACR15(w)	25kg bag	12ltrs

DH50	25kg bag	11.5ltrs
DH51	25kg tub	11.5ltrs

Product Code	Pack Weight	Yield
TP98	25kg bag	11.5ltrs

EN1504-3 Compliant

Tecfast Concrete Rapid strength development pre-packed concrete.

Robust, fast setting, high density concrete for use where rapid strength gain is required, particularly for time critical possession work. A variety of concrete consistencies can be achieved through small modifications in water content. Low heat generation.

Strength: 2hrs 20N/mm²
28day 50N/mm²



Thickness: 20mm to 400mm

731/732 Lankorep Fibre reinforced, new generation, CE Marked, concrete repair products. Suitable for all kinds of concrete repair works. Hand and machine applications. Good adhesion and compaction giving excellent resistance to carbonation.

731/732	25kg bag	13.0ltrs
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EN1504-3 Compliant

Strength **731** **732**
1day 30N/mm² 11N/mm²
28day 60N/mm² 40N/mm²

Thickness 5mm 1mm
to 50mm to 40mm

Polyester Resin Based

Polyester Concrete (Summer and Winter Grades) Polyester resin two pack concrete mix. Designed for rapid hardening repairs to concrete, brickwork and masonry. Cures down to 0°C.

Strength 2hrs 40N/mm²
24hrs 80N/mm²

Thickness 5mm to 50mm

Polyester Mortar (Summer and Winter Grades). Polyester resin two pack mortar mix. Designed for rapid repairs to concrete, brickwork and masonry, fixing brick slips. Cures down to 0°C.

Strength 2hrs 45N/mm²
24hrs 85N/mm²

Thickness 5mm to 15mm

Epoxy Resin Based

Epoxy Mortar E High strength epoxy mortar. (Use in conjunction with Bondcoat UF primer). Designed to provide support in critical bearing situations eg bridge beams. Resists vibration and many chemicals

Strength 1 day 80N/mm²
7day 101N/mm²

Thickness 10mm to 50mm

Product Code	Pack Weight	Yield
TP46(s)	15kg box	7.5ltrs
TP46(w)	15kg box	7.5ltrs

TP40(s)	14kg box	7ltrs
TP40(w)	14kg box	7ltrs

TP04	16kg box	8ltrs
TP19	5kg tub	2.5ltrs
TP108	28kg pack	14.25ltrs

Epoxy Mortar E Fine Grade Fine grade version Epoxy Mortar E. (Use in conjunction with Bondcoat UF primer).

Strength 1day 75N/mm²
7day 90N/mm²

Thickness 20mm down to feather edge

Epoxy Mortar ET High build lightweight epoxy mortar. Designed for use in vertical and overhead situations. (Use in conjunction with Bondcoat UF primer).

Strength 7day 40N/mm²

Thickness Vertical: 5mm to 25mm
Horizontal: 5mm to 50mm
O/Head: 5mm to 25mm

Product Code	Pack Weight	Yield
TP29	3kg tub	1.5ltrs
TP31	10kg tub	5ltrs
TP44	32kg box	16ltrs

TP05	11.5kg box	11ltrs
TP114	3kg box	2.85ltrs

Special Applications

Spraycrete (Summer and Winter Grades). Dry spray concrete. Designed for application by dry spray delivery, with water added at the nozzle, polymer reinforced and shrinkage compensated: for all shotcrete applications. Meets DTP BD27/86 pt 5.

Strength 1day 20N/mm²
28day 60N/mm²

Thickness Maximum 100mm per pass

ACR18(s)	25kg	12.25ltrs
ACR19(w)	25kg bag	12.25ltrs

Spraydeck Rapid Deck membrane overlay protection. Designed for application by dry spray delivery, water added at nozzle. Polymer, fibre and anti-washout reinforced, resistance to water ingress between ground founded units and piles.

Strength 2hrs 25N/mm²
28day 70N/mm²

Thickness Maximum 100mm per pass

Reconstruction Repair

Castlestone Repair Mortars Stone repair mortar. Repair and replacement of damaged stone and reconstituted stone. Available in six different stone specific shades.

Strength 1day 20N/mm²
28day 50N/mm²

Thickness 20mm to 65mm
(NB Minimum Order quantity)

Product Curing

Polycure Water based Co-polymer dispersion. Designed for use as a spray applied curing membrane to all cement based repair products and for exposed areas of other cement based products when necessary.

Product Code	Pack Weight	Yield
ACR17	25kg bag	13.5ltrs

Product Code	Pack Weight	Yield
ALL	15kg tub	7ltrs
TCB07	(Portland)	
TCB08	(Bathstone)	
TCB09	(Buff)	
TCB10	(Minster)	
TCB13	(Crest)	
TCB16	(Linpave)	

Product Code	Pack Weight	Yield
AF03	5kg polybottle	5ltrs



Corrosion Inhibitor

761 Lankosteel Penetrating corrosion inhibitor. Designed to be applied to concrete surface. Migrates into concrete giving excellent steel protection properties.

Product Code	Pack Weight	Yield
ACR34	20ltrs polybottle	
ACR35	215ltrs barrel	

760 Lankopassiv Reinforcement Protection. One component solvent based paint for the application of anticorrosive protection to concrete reinforcing bars.

Product Code	Pack Weight	Yield
760	3kg polybottle	3ltrs

EN1504-3 Compliant

CONSTRUCTION ADHESIVES

Cement Based

Tile bond Multi-use, waterproofing cement based adhesive. Used for bonding concrete to concrete, terrazzo, clay tiles and vitrified surfaces. Adhesive for external insulation.

Product Code	Pack Weight	Yield
TP77	25Kg bag	14.5 Ltrs
TP78	25Kg tub	14.5 Ltrs

Strength 1day 13N/mm²
28day 34N/mm²

Epoxy Resin Based

Epoxy Adhesive 305 Very high bond/strength adhesive. Designed for bonding concrete to concrete, concrete to steel, fixing of elastomeric bearings and most other construction materials. Good chemical resistance.

TFX02	1.5kg box	1ltr
TFX04	4.5kg tub	3ltrs

Strength 1day 55N/mm²
7day 70N/mm²

Slant shear In excess of 55N/mm² (BS6319)

Thickness 3mm to 15mm
(gap filling)
0.5mm to 3mm
(structural adhesive)

Epoxy Putty LS High strength adhesive.

Originally designed for lift shaft segment bonding. High grab characteristics lend themselves to many applications

TP131	10.7kg tub	5.2ltr
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RESIN AND CEMENTITIOUS ANCHORS

Polyester Resin Based

TecGrip CAS Cartridge Self contained Polyester Resin Anchor System, mixing takes place in nozzle attached to cartridge. Fixings into holes above horizontal to vertical down.

Product Code	Pack Weight	Yield
TGR29	N/A	380ml

CAS Gun

TGR31	N/A	N/A
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TecGrip CAS Vinyl Ester Single shot resin anchor cartridge for multiposition holes. Use even in damp and diamond cored holes. Use standard mastic cartridge gun. **ETAG Approved.**

TGR54	300ml	cartridge
TGR55	300ml	gun

CAS Nozzle Mixer For use with all TecGrip CAS Cartridges.

TGR30	N/A	N/A
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TecGrip CAS extension tube
Other lengths to special order.

TGR33	Approx 300mm	
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Push pump for anchor hole preparation.

TGR60	190mm	
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Wire brush for anchor hole preparation.

TGR58	13x80x300mm	
TGR59	18x80x300mm	

Tecgrip H, HL & HXL Range of polyester anchor materials for nominal horizontal holes. Range of anchor resins designed to anchor bolts, brick ties or other fixings into concrete or brickwork. Holes angled below horizontal to 45° above horizontal. Bolt to hole diametric difference as follows:-

TecGrip H 4mm to 25mm
 TecGrip HL 25mm to 50mm
 TecGrip HXL 50mm to 75mm

Strength 2hrs 40N/mm²
 1day 80N/mm²
 7days 95N/mm²

Tecgrip V, VL & VXL Range of polyester anchor materials for downward facing holes. Use for fixing into concrete and masonry and loose fill. Bolt to hole diametric difference as follows:

TecGrip V 4mm to 25mm
 TecGrip VL 25mm to 50mm
 TecGrip VXL 50mm to 75mm

Strength 2hrs 40N/mm²
 1day 80N/mm²
 7days 95N/mm²

Product Code	Pack Weight	Yield
TGR03	4.35kg	2.5ltrs
TGR13	21.9kg tub	11.8ltrs
TGR04	13.7kg box	7.8ltrs
TGR43	13.7kg box	7.8ltrs

TGR01	4.35kg	2.5ltrs
TGR05	1.83kg	1ltr
TGR12	21.9kg tub	11.8ltrs
TGR02	13.7kg box	7.8ltrs
TGR15	13.7kg box	7.8ltrs

Epoxy Resin Based

Epoxy 200 Epoxy Grout, Designed for fixing bolts or other fixings into concrete or brickwork. Holes angled below horizontal to vertical down. Can be used in diamond cored holes.

Strength 1day 65N/mm²
 7days 82N/mm²

Tecgrip CAS Epoxy Cartridge Self contained Epoxy Resin Anchor System, mixing takes place in nozzle attached to cartridge. Fixings into holes above horizontal to vertical down. Suitable for use in diamond cored holes. Use in temperatures below 0°C.

Product Code	Pack Weight	Yield
TGR08	1kg box	0.65ltrs

(Larger size to special order)

TGR35	400ml	cartridge
TGR37	400ml	gun

Special Applications

Tecgrip C Polymer reinforced cement based anchor grout. Cementitious anchor grout for anchoring wall ties, overhead rail tracks and starter bars into most construction materials. Used extensively on brick arched structures.

Strength 1day 30N/mm²
7day 60N/mm²

Thickness Minimum embedment
depth 100mm

CS Grout High strength anchoring grout. For use in smooth/rough holes. Excellent 28 day pull out results. Contact Technical department for details. 10mm annulus required.

Thixotropic Joint Filler Horizontal version of CS Grout above. For use where resin based anchoring materials could be used or where rapid load application is not required.

Above products are used in the Nuclear Industry in situations where resins are inappropriate.

Product Code Pack Weight Yield

TGR36 6.25kg tub 3ltrs

TG01 25kg bag 13.25ltrs

TP48 25kg bag 13.5ltrs

Product Code Pack Weight Yield

HIGHWAY PRODUCTS

Highway CA45, CA1, C2, FSC6 and Framefix UF conform to DTp HD27/94, Design Manual for Roads and Bridges, Volume 7, Section 2, 3.11. Mortars for bedding ironwork, such as manhole cover frames during repairs, may be trafficked when the strength is expected to be 20N/mm². For rapid construction, this strength should be achieved within 2 hours. CA45, CA1, C2, FSC6 and Framefix UF are a family of products designed for the bedding of manhole frames and road furniture with specific timing for road opening.

CA45	Road opening within 45 mins	DH129	25kg bag	12.75ltrs
CA1	Road opening within 1 hour	DH100	25kg bag	12.75ltrs
		DH101	25kg tub	12.75ltrs
Framefix UF	Road opening within 1 hour	DH141	25kg bag	12ltrs
C2	Road opening within 2 hours	DH02	25kg bag	12.75ltrs
FSC6	Road opening within 2 hours	DH142	25kg bag	12ltrs
		DH138	25kg tub	12ltrs

Cement Based

Highway CA45 Premium grade bedding mortar. Designed for bedding manholes and fixing road furniture at ambient temperatures down to +1°C. Hardens within 10 minutes to allow continuation work. Road opening within 45mins in normal temperature conditions. Can be hand mixed.

Product Code	Pack Weight	Yield
DH129	25kg bag	12.75ltrs

Strength 45mins 20N/mm²
1hr 25N/mm²
28day 55N/mm²

Thickness 15mm to 75mm each layer

Highway CA1 Premium grade bedding mortar. Designed for bedding manholes and fixing road furniture at ambient temperatures down to +1°C. Hardens within 10 minutes to allow continuation work. Road opening within 1 hour in normal temperature conditions. Can be hand mixed.

DH100	25kg bag	12.75ltrs
DH101	25kg tub	12.75ltrs

Strength 1hr 20N/mm²
28day 55N/mm²

Thickness 15mm to 75mm each layer

Highway C2 Pre-mixed Portland cement based non shrink bedding mortar. Suitable for the support of road ironwork and highway furniture. When placed, will harden in approximately 10 minutes to allow continuation of work.

Product Code	Pack Weight	Yield
DH02	25kg bag	12.75ltrs

Strength 2hrs 21N/mm²
1day 40N/mm²
28day 70N/mm²

Thickness 15mm to 75mm each layer

Highway Fast Patch Polymer modified fast setting patch and repair material. Designed to repair pc kerbs and pavements and areas requiring high adhesion repairs.

DH08	10kg tub	5ltrs
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Strength 4hrs 20N/mm²
28day 50N/mm²

Thickness 5mm to 100mm

Highway FSC-6 Premixed Portland Cement based non shrink bedding concrete. Suitable for the support of road ironwork, highway furniture and back filling of frames. When placed, will harden in approx 10 minutes to allow continuation of work.

DH142	25kg bag	12ltrs
DH138	25kg tub	12ltrs

Strength 2hrs 20N/mm²
1day 35N/mm²
28day 55N/mm²

Thickness 20mm to 200mm each layer

FSC-10 Premium grade rapid setting concrete. Designed for rapid reinstatement of all road and street furniture at ambient temperatures down to +1°C. Hardens within 10 minutes to allow continuation work. Can be hand mixed, ideal for use by mobile repair teams.

Strength 1hr 18N/mm²
1day 40N/mm²
28day 60N/mm²

Thickness 30mm to 500mm
single layer

Super C Very low and moderate temperature use mortar. Magnesium phosphate based designed for use in cold rooms and other sub zero situations. Can be trafficked in less than 1 hour. Use down to -20°C.

Strength 45mins 14N/mm²
28day 57N/mm²

Thickness 20mm to 50mm

Product Code	Pack Weight	Yield
DH127	25kg	10.75ltrs

DH55	25kg bag	12ltrs
DH56	25kg tub	12ltrs

T-10 Rapid setting concrete for road and street furniture replacement. Hardens within 10 minutes to allow continuation work (dependant upon ambient conditions). Can be hand mixed, ideal for use by mobile repair teams.

Strength 1hr 13N/mm²
1day 22N/mm²
28day 40N/mm²

Thickness 30mm to 500mm
single layer

Framefix UF Next generation cementitious bedding mortar. Equivalent performance to polyester products but lower cost and more user friendly. Conforms to HA104/09.

Strength 1hr 20N/mm²
3hr 55N/mm²

Thickness 15mm to 75mm each layer

Product Code	Pack Weight	Yield
DH128	25kg bag	10.75ltrs

DH141	25kg bag	12ltrs
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Polyester Resin Based

Framefix Grout (Summer and Winter Grades). Polyester resin based ultra rapid grout. Designed to flow into areas under frames being installed on vehicular roadways. Allows road opening in the shortest time possible. Conforms to HA104/09.

Strength 1hr 60N/mm²
1day 85N/mm²

Thickness 10mm to 50mm

Framefix Mortar (Summer and Winter Grades). Polyester resin based ultra rapid mortar. Designed for bedding and levelling of all frames in vehicular surfaces. Road opening in the shortest time possible. Conforms to HA104/09.

Strength 1hr 52N/mm²
1day 82N/mm²

Thickness 10mm to 50mm

Kerbfix (Summer and Winter Grades) Polyester mortar. Designed for fixing kerbs. High value adhesion to asphalt and concrete, cure down to 0°C.

Strength 2hrs 25N/mm²
24hrs 80N/mm²

Thickness 5mm to 25mm

Product Code	Pack Weight	Yield
DH40	25kg bag	12.75ltrs

DH07(s)	25kg tub	12.5ltrs
DH07(w)	25kg tub	12.5ltrs

DH05(s)	15kg	7.5ltrs
DH05(w)	15kg box	7.5ltrs

COATINGS

Anti-Carbonation

Decteck F (+ Primer W) Water based anti-carbonation primer and top coat. Designed to give decorative finish. Flexible coating will bridge concrete surface cracks. Holds Taylor Woodrow certification for equivalent of 745mm of concrete cover.

Product Code	Pack Weight	Yield
ACR21	tin	5ltrs
ACR22	tin	5ltrs

Decteck S (+ Primer S) Solvent based anti-carbonation primer and top-coat. Designed as breathable, gives a high sheen self cleaning finish. Holds Taylor Woodrow certification for equivalent of 357mm of concrete cover.

ACR23	tin	5ltrs
ACR24	tin	5ltrs

Decteck W (+ Primer W) Water based anti-carbonation primer and top-coat. Designed as breathable, gives a decorative finish. Holds Taylor Woodrow certification for equivalent of 380mm of concrete cover.

ACR25	tin	5ltrs
ACR22	tin	5ltrs

Waterproof Coatings

Eproseal Waterproof cement based coating. Designed for masonry and concrete. Designed to be brush or spray applied.

Product Code	Pack Weight	Yield
EP201 (grey)	25kg bag	16ltrs
EP202 (white)	25kg bag	16ltrs
EP204 (grey)	25kg tub	16ltrs
EP207 (white)	25kg tub	16ltrs

Liquid Vapour Membrane Waterproofing and vapour membrane.

Designed for use under floor screeds, in basements, on roofs and under tiles. Flexible black or white coating. Water, methane and radon protection.

TM44 (black)	25kg tub	20.8ltrs
TM46 (white)	25kg tub	20.8ltrs

Thickness 0.6mm dry film in two coats (0.3mm dry film per coat)

Coverage 1.1ltrs per m² in two coats (0.55ltrs per m² per coat)

1.2kg per m² in two coats (0.6kg per m² per coat)

Use in temps 7°C to 30°C

228 Lankolastic Flexible waterproofing material for the protection and waterproofing of structures. Flexible version of Eproseal above. (2 coat system).

228 LLASTIC GREY	28kg pack	16.9ltrs
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EN1504-2 Compliant

Protection

High Build Protective Coating Epoxy resin based high dry film thickness coating. Designed to protect against weathering and chemicals. Application in one coat to dry film thickness 300 microns. Initial usage 24 hours, full cure 7 day.

Product Code	Pack Weight	Yield
TM40 (black)	1.65kg box	1ltr
TM41 (grey)	1.65kg box	1ltr

170µ ≡ 760mm concrete cover
300µ ≡ 1300mm concrete cover

Paraguard AG Water based super hydrophobic coating. Provides a clear weather proof water resistant surface to a wide range of substrates. One treatment can last 10 years.

AG5	5kg	5ltrs
AG25	25kg	25ltrs

EN1504-2 Compliant

NEW

Trafficking

Acrylic Sealer Water based acrylic resin. Designed to reinforce and seal concrete floors that are dusting. Provides protection from mild chemicals. Fills cracks and cracking in pc and rc units. Used for uprating strength of lime/sand mortars and plaster.

Florflex Heavy duty floor joint sealant Based on epoxy-polyurethane resin. Protects floor slab joint arrises. Placed by pouring. Time to traffic floor depends on usage. Self levelling flooring material. Standard colour grey.

Light 24hrs
Moderate 48hrs
Heavy 7days

LA Floor Screed Semi-self smoothing floor screed. Low alkali screed reduces the risk of alkali aggregate reaction in flooring substrate. May be placed over a full range of traffic conditions or overlaying badly worn concrete surfaces. (Use in association with Bondcoat UF or Acrylic Latex).

Strength 1day 15N/mm²
28day 65N/mm²

Thickness 10mm to 70mm

Product Code	Pack Weight	Yield
TF08	5kg polybottle	5ltrs
TF29	25kg polybottle	25ltrs

TF45	5kg box	3.9ltrs
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TF50	25kg box	12.5ltrs
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Product Code	Pack Weight	Yield
TF26	27.5kg tub	13.5ltrs

SBR Friction Coat Polymer reinforced cement based anti-skid surfacing. Thin overlay designed to reduce vehicular skidding. Suitable for road junctions, ramps. Road opening 24 hours (at 20°C).

Thickness 5mm to 10mm
7°C min laying temperature.

SBR Level Coat Protective aesthetic coating for concrete, blockwork and masonry. For the aesthetic coating of PC and in situ concrete. Range of colours.

TF32 (grey)	15kg	7.5ltrs
TF23 (white)	3kg	1.5ltrs

Silicate Floor Hardener Surface hardener and dust proofer. Designed to improve abrasion resistance to concrete surfaces. Ready for use after 24 hours (at 20°C).

TF16	7kg polybottle	5ltrs
TF17	287kg drum	205ltrs

Powerfloated concrete: 1 coat
Dense concrete: 2 coats
Porous concrete: 3 coats

Super Screed High early strength screed. Designed for toppings to floor slabs on car-parks, forecourts, loading bays, workshops and other areas of high impact and abrasion.

AF06	25kg bag	11ltrs
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Strength 1day 28N/mm²
28day 75N/mm²

Thickness 20mm to 50mm

Tecflor Trugrip E System Non Slip Flooring System. NWR approved, non slip system for stairs, landings, walkways and pits.

Contact for more information

NEW

GROUND ENGINEERING

Spraycrete MEF70 High strength wet-process sprayed concrete. Designed for limited access sprayed concrete applications where high ultimate strength is required. The product is suitable for use in conjunction with in-line acceleration to produce a long pumping life - fast setting material for stabilising tunnel walls prior to insertion of segments. The mix design contains Portland cement, carefully graded aggregates, plus special consistency modifying admixtures and polypropylene fibres.

Strength 1day 25N/mm²
(un-accelerated) 28day 70N/mm²

Terracaulk 30 Hand applied caulking mortar. Used to improve water-resistance to segmental tunnel joints. Mix design contains Portland cement, graded PFA and silica sands plus special mixing and placing additives.

Strength 1day 7N/mm²
28day 23N/mm²

Terracaulk 40AF purpose designed caulking mortar, Portland cement based. Fibre (content 0.781kg/m³) and polymer reinforced, shrinkage compensated mortar.

Product Code Pack Weight Yield

TP136 1.25tonne 0.6m³
bag

TCK01 25kg 0.64m³ per
bag tonne

TCK08 25kg 16ltrs
bag

Product Code Pack Weight Yield

Terracaulk 40AAF used for infilling of wedgeblocks. Key voids in segmental tunnels specifically in overhead locations.

TCK21 25kg 18.75ltrs
bag

Terrapatch High strength repair mortar. Used to repair damaged concrete tunnel segments. Mix design contains Portland cement, graded silica sands, rapid setting additives plus special mixing and placing additives.

TSRM01 10kg 4.6ltrs
tub
TSRM02 25kg 11.5ltrs
tub

Strength 1hr 7N/mm²
28day 60N/mm²

TerraPoint Mortars Wide range of gun applied or machine applied grey pointing mortars. Designed for tunnels and other civil/structural purposes.

Various - enquire at our sales office

Terraplug Hand applied plugging mortar. Designed for sealing leaks in concrete tunnel segments, section joints and pipes. Mix design contains Portland cement, graded silica sands plus special mixing and rapid setting additives.

TCK03 10kg 6ltrs
tub
TCK04 25kg 15ltrs
tub

Can stop gushing water in 5 mins.

Strength 1hr 15N/mm²
1day 30N/mm²
28day 60N/mm²

ANCILLARY PRODUCTS

Bleedtube for expelling air in enclosed grouting situations.

Product Code	Pack Weight	Yield
TG150	N/A	N/A

Grout Injection Coupler

TG128	N/A	N/A
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Grout Injection Nipple

TM36	N/A	N/A
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Grout Injection Pipe 8/6

TG129	N/A	N/A
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Grout Stirrer Helical strirrer. Designed for use in drills with Jacobs chucks. Use to mix grouts needing a vortex from the top of the mix to the bottom to achieve a homogeneous dispersion.

TM81	N/A	N/A
	(80mm dia)	
TM82	N/A	N/A
	(100mm dia)	

Mortar Stirrer Helical strirrer. Designed for use in drills with Jacobs chucks. Use to mix mortars needing 'draw up' of powder from the bottom of the mix to the top to achieve a homogeneous dispersion.

TM83	N/A	N/A
	(80mm dia)	
TM84	N/A	N/A
	(100mm dia)	

Pumpable Mortar Gun General purpose gun and cartridge system. For placement and pointing of cementitious pumpable mortars.

TP83	N/A	N/A
	(PPM, Gun)	
TP81	N/A	N/A
	(PPM, Cartridge)	
TP80	N/A	N/A
	(PPM, Gun complete)	

Solvent Formulated solvent. Used as trowelling aid and cleaner to remove uncured epoxy and polyester products from tools.

TM02	5kg tin	5ltrs
TM08	1kg tin	1ltr

Tecgrip Gun For placement of Tecgrip polyester anchors.

Product Code	Pack Weight	Yield
TGR06	N/A	N/A
	(Tecgrip, Gun)	
TGR07	N/A	N/A
	(Tecgrip, Cartridge)	

Tecsolv EB For Elastometric Bearing preparation. Cleaning and activating solvent for 'low energy' surfaces such as rubber.

TM60	N/A	1ltr
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Paracleaner 80 Formulated acid cleaner. Used for removal of concrete deposits or producing an etched finish to precast concrete units.

8-PC80	5 litre	N/A
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Push Pump for anchor hole preparation.

TGR60	190mm	
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Wire brush for anchor hole preparation.

TGR58	13x80x300mm	
TGR59	18x80x300mm	

PAREX

Streetscape & Façade Mortars

PAREX STREETSCAPE

The Parex Streetscape range offers mortars for: bedding, bonding and jointing which combine to form systems which meet every need in modern hard landscaping design.

Products comply with the relevant part of BS 7533 for: natural stone, clay and concrete block paving.

The range is comprised of advanced materials specially formulated to be cost-effective, easy to use and to speed up some of the more labour-intensive aspects of hard landscaping by minimising labour requirement on site and maximising efficiency.

The Parex Streetscape range is supplemented by high performance materials for finishing works including: manhole, kerb and street furniture placement, making Parex a single source supplier for all hard landscaping needs.

A team of sector experts based across the UK can advise on the most suitable materials for specific tasks, provide CAD details where required and also practical on-site training backed by a contractor training scheme. CPD seminars for professionals are also available.

The Parex Streetscape range has now been extended to include an ECO range of bedding and jointing mortars which contain recycled aggregate to reduce embodied energy.

The reduced carbon footprint offers a more sustainable option for designers and helps conserve valuable natural resources.

Bespoke mortars to meet the modern demands of hard landscaping projects are available upon request.

www.parex.co.uk

Fine Bedding Concrete (FBC): A BS 7533 compliant bedding mortar for hard landscaping available in: 25kg bulk bags and, for larger schemes, in replenishable site-based bulk silos. The mix includes added polymers to provide a strong and stable bedding mortar for the bedding of natural stone paving units.

Granatech: Is an easy-to-use BS 7533 compliant slurry-applied jointing mortar ideal for use with all types of paving units in hard landscaping projects. It is ready for on-site mixing with the addition of water and is compatible with Parex FBC bedding mortar and Bond Plus priming mortar. Granatech can be speedily applied over large areas for the fast and cost-effective jointing of all paving units wherever there is a large proportion of jointing material to paving unit.

SettPoint: SettPoint is ideal for traditional natural stone setts requiring an aesthetically pleasing wide joint. SettPoint provides a free-flowing solution which can be poured into gaps to provide a high strength, durable finish. The BS 7533 compliant grout-based formulation is self-smoothing, exceptionally strong and contains a special agent to compensate for shrinkage to ensure that finished joints will not shrink or crack.

Bond Plus: Designed for use as a "Primer" to improve the adhesion between the paving units and the underlying bedding mortar. Bond Plus Priming Mortar is fully compliant with the requirements of the relevant parts of BS 7533. The pre-blended product is ready for on-site mixing and only requires the measured addition of water. It has been formulated for use with other materials in the Streetscape range.

Standard Mortar: Is a gun-injectable high strength mortar which is BS 7533 compliant for the jointing of slabs and other larger element paving materials. It is extremely durable and the gun injection process speeds up outputs and completion times on site when using only semi-skilled labour.

Interpave 
THE PRECAST CONCRETE PAVING
 AND KERB ASSOCIATION
 Associate Member

Interlay 
THE PRECAST CONCRETE PAVING
 AND KERB ASSOCIATION

www.parex.co.uk

PAREX FAÇADE MORTARS

Parex is the leading manufacturer of Specialist re-pointing mortars, supplying four main types of mortar systems.

- **Standard** Portland Cement Mortar
- **Marine** Cementitious based, for use above and below the water line
- **Historic** Cement free - Hydrated Lime Mortar
- **Restoration** Natural Hydraulic Lime Mortar

Parex also manufacture a Restoration Natural Hydraulic Lime Flowable Grout, which can be either pumped or gravity fed into voids within stone structures, such as rubble walling which was used to construct historic buildings, castles and cathedrals etc.

Parex's success is based, not only on the way the mortars work and a proven track record which goes back some 25 years, but on the level of support we offer specifiers and contractors – ranging from technical support to on-site support and training.

Further details are available
by contacting
Streetscape & Façade Mortars on:
01257 224900

or visit our website at:
www.parex.co.uk

PAREX

Render Systems & Façade Solutions

Proven in many years' use throughout Europe the PAREX Renders and Façade Solutions portfolio encompasses a complete range of renders, both traditional and advanced single-coat materials.

PAREX is at the forefront of External Wall Insulation Systems (EWI) where its PAREX THERM systems offer solutions for new-build and retro-fit thermal upgrades, available with any colour, all types of insulation and the broadest choice of finishes.

PAREX are members of the Insulated Cladding Association (INCA), and the PAREX THERM EWI systems are fully compliant with Ofgem and Green Deal requirements.

PAREX THERM & PAREX DIRECT render systems offer a range of unique solutions featuring traditional mineral & dash finishes to advanced acrylic and brick slip finishes suitable for a wide range of traditional masonry substrates and modern construction techniques e.g. ICF, timber & steel frame structures.

Many products and systems in the range hold BBA, IAB and European approvals, LABC & LABSS robust details accreditation and system approvals with major organisations, e.g. Premier Guarantee.

The brick slip system range now includes a wide choice of brick finishes, together with a simulated masonry system for creating façades with the appearance of high quality brick, a wide range of traditional mineral and lime-base renders, together with a wide choice of repair mortars, reinforcing meshes and admixtures.

For existing and new build masonry structures we can offer a wide choice of high performance through coloured mineral and lime based renders that can be hand or spray machine applied.

All Parex façades products are offered with a 10 year manufacturers guarantee and 25 year system guarantees are available.

Key products in the range include:

PAREX THERM Render Systems: Mineral, Acrylic, dash, brick slip, polymer modified high performance finishes. Applied to a range of specialist insulations that can be applied to all masonry, ICF and to specialist render boards that can be applied to timber and steel frame substrates.

PAREX DIRECT Render Systems: Mineral, Acrylic, dash, brick slip, polymer modified high performance finishes. Applied to a range of specialist render board that can be applied to all masonry, ICF and to specialist render boards that can be applied to steel and timber frame structures.

Monorex GM & GF: Single-coat, breathable weather resistant and decorative render for internal and external masonry and concrete walls. It can be used on walls constructed from concrete blocks, clay bricks, lightweight blocks or Durisol units. Can be hand or machine applied and worked to a wide range of finishes. Available in 48 standard colours.

Monoblanco: Single-coat, breathable weather resistant and decorative render for internal and external masonry and concrete walls. A bright white version of Monorex.

Monogris E: Polymer modified, breathable, weather resistant, grey, one-coat base and finishing render. A high performance base coat render for equalising suction on mixed substrates suitable for concrete blocks, clay bricks, lightweight blocks or Durisol units. Finish in its natural grey state, or overcoat with Monorex or Monoblanco.

Parmurex: Single-coat, breathable, weather resistant grey render which can be used as a base render or as a finishing coat internally or externally. Suitable for concrete blocks or precast concrete substrates. Incorporating dust reduction technology and suitable for use with a wide range of PAREX decorative finishes.

Blanc du Littoral: A bright white, breathable, one-coat weather resistant and decorative cement/lime render. Suitable for both internal and dense concrete blockwork wall. May be applied by manually or by spray machine directly onto substrate or over Parmurex.

Micro Gobetis 3000: A bonding coat used to improve the adhesion of renders on surfaces. Specifically designed for suction control and to improve adhesion on dense and high suction substrates including concrete, engineering bricks and lightweight blocks. Applied by brush or roller.

751 Lankolatex: A liquid admixture used for key coat preparation. Suitable for using with one-coat renders and to improve bonding and waterproofing for all types of render.

Paraguad AG: A multi-purpose weatherproof coating suitable for a wide variety of substrates. Provides a water resistant surface. The non-staining clear, natural coating repels water and dirt.

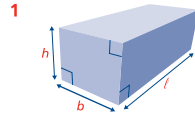
Full details of all
PAREX Render Systems & Façade Solutions
can be found at:
www.parex.co.uk



1. Rectangular Prism (or Cuboid)

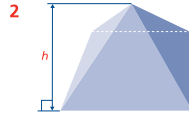
Volume = $l \times b \times h$

Total Surface Area = $2(bh + hl + lb)$



2. Pyramid

If area of base = A and perpendicular height = h
the Volume = $1/3 \times A \times h$

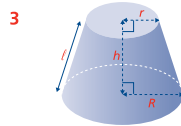


3. Frustum of a Cone

Volume = $1/3 \pi h (R^2 + Rr + r^2)$

Curved surface area = $\pi(R + r)l$

Total surface area = $\pi(R + r)l + \pi R^2 + \pi r^2$

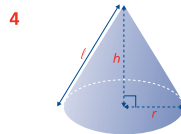


4. Cone

Volume = $1/3 \pi r^2 h$

Curved surface area = πrl

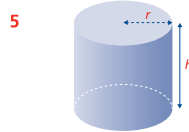
Total surface area = $\pi rl + \pi r^2$



5. Cylinder

Volume = $\pi r^2 h$

Total surface area = $2\pi rh + 2\pi r^2$



6. Volume

$1000\text{cm}^3 = 1 \text{ litre}$, $1000 \text{ litre} = 1 \text{ cubic metre}$

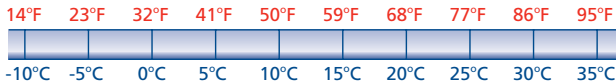
$1 \text{ litre} = 1 \text{ square metre at } 1\text{mm thick}$

7. Circles

Circumference of a circle = πd Area of a circle = πr^2

$\pi = 3.14159$

Temperature Conversion



NO. OF BAGS PER CUBIC METRE

Yield Ltrs per bag	Bags per cubic metre
10.00	100.0
10.25	97.6
10.50	95.2
10.75	93.0
11.00	90.9
11.25	88.9
11.50	87.0
11.75	85.1
12.00	83.3
12.25	81.6
12.50	80.0
12.75	78.4
13.00	76.9
13.25	75.5
13.50	74.1
13.75	72.7
14.00	71.4
14.25	70.2
14.50	69.0
14.75	67.8
15.00	66.7

Note: 1 cubic metre = 1,000 litres

COVERAGE PER 25KG BAG IN SQUARE METRES

(Tabulation of yield per bag at various thickness')

Yield Ltrs per bag	Depth					
	3mm	5mm	10mm	15mm	20mm	25mm
10.00	3.33	2.00	1.00	0.67	0.50	0.40
10.25	3.42	2.05	1.03	0.68	0.51	0.41
10.50	3.50	2.10	1.05	0.70	0.53	0.42
10.75	3.58	2.15	1.08	0.72	0.54	0.43
11.00	3.67	2.20	1.10	0.73	0.55	0.44
11.25	3.75	2.25	1.13	0.75	0.56	0.45
11.50	3.83	2.30	1.15	0.77	0.58	0.46
11.75	3.92	2.35	1.18	0.78	0.59	0.47
12.00	4.00	2.40	1.20	0.80	0.60	0.48
12.25	4.08	2.45	1.23	0.82	0.61	0.49
12.50	4.17	2.50	1.25	0.83	0.63	0.50
12.75	4.25	2.55	1.28	0.85	0.64	0.51
13.00	4.33	2.60	1.30	0.87	0.65	0.52
13.25	4.42	2.65	1.33	0.88	0.66	0.53
13.50	4.50	2.70	1.35	0.90	0.68	0.54
13.75	4.58	2.75	1.38	0.92	0.69	0.55
14.00	4.67	2.80	1.40	0.93	0.70	0.56
14.25	4.75	2.85	1.43	0.95	0.71	0.57
14.50	4.83	2.90	1.45	0.97	0.73	0.58
14.75	4.92	2.95	1.48	0.98	0.74	0.59
15.00	5.00	3.00	1.50	1.00	0.75	0.60

NUMBER OF 25KG BAGS PER SQUARE METRE

(Tabulation of yield per bag at various thickness')

Yield Ltrs per bag	Depth					
	3mm	5mm	10mm	15mm	20mm	25mm
10.00	0.30	0.50	1.00	1.50	2.00	2.50
10.25	0.29	0.49	0.98	1.46	1.95	2.44
10.50	0.29	0.48	0.95	1.43	1.90	2.38
10.75	0.28	0.47	0.93	1.40	1.86	2.33
11.00	0.27	0.45	0.91	1.36	1.82	2.27
11.25	0.27	0.44	0.89	1.33	1.78	2.22
11.50	0.26	0.43	0.87	1.30	1.74	2.17
11.75	0.26	0.43	0.85	1.28	1.70	2.13
12.00	0.25	0.42	0.83	1.25	1.67	2.08
12.25	0.24	0.41	0.82	1.22	1.63	2.04
12.50	0.24	0.40	0.80	1.20	1.60	2.00
12.75	0.24	0.39	0.78	1.18	1.57	1.96
13.00	0.23	0.38	0.77	1.15	1.54	1.92
13.25	0.23	0.38	0.75	1.13	1.51	1.89
13.50	0.22	0.37	0.74	1.11	1.48	1.85
13.75	0.22	0.36	0.73	1.09	1.45	1.82
14.00	0.21	0.36	0.71	1.07	1.43	1.79
14.25	0.21	0.35	0.70	1.05	1.40	1.75
14.50	0.21	0.34	0.69	1.03	1.38	1.72
14.75	0.20	0.34	0.68	1.02	1.36	1.69
15.00	0.20	0.33	0.67	1.00	1.33	1.67

Number of Bags Required

NOTES

NOTES

2



PAREX LTD

HOLLY LANE INDUSTRIAL ESTATE

ATHERSTONE

WARWICKSHIRE

CV9 2QZ



NOTES

Lined area for notes with 22 horizontal blue lines.

PAREX



We wish to be included on your mailing list for the next issue of the PAREX Pocket Guide

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NOTES

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*Always ask sales or technical support
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for specials to standard products.*

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