

LEWIS ABBOTT LTD

March 2015

Celebrating 70 years of trading.
Established in 1945.



Carpets, Underlays & Flooring
Accessories

Contents

- Popular Product Quickfind
- Carpets**
- Unique Naturals & Natural Flooring
- Vinyl
- Contract Vinyl & Laminate
- Engineered Wood
- Mats & Rugs

Underlay Metals

- CAT
- Stairrods
- Parallel
- Parallel
- Quantum
- F Ball & Adhesives
- Tools
- Tools
- Tools
- Tools
- Tools
- Terms of Trading

Sales Director
Katie Cohen
07860 676 965
katie@lewisabbott.co.uk

North London Area Manager
Mike Jason
07956 655 169
020 8550 9024

South London Area Manager
Bill Herbert
07872 987 693

Sales Office
Tel 020 7277 7880
Fax 020 7277 7919
Address
Units 16-18 Kent Park Industrial Estate
Ruby Street (off the Old Kent Road)
Peckham, London SE15 1LR

sales@lewisabbott.co.uk
www.lewisabbott.co.uk
See our new website!

Popular Product Quickfind

Lewis Abbott Spray Adhesive

- 1 can (LAS) £1.99 per can
- 1 box (12 cans) £1.65 per can
- 6 boxes (72 cans) £1.49 per can

"Handy Wrap" Dispensable, protective wrapping.
150m x 100mm, 10 rolls per pack, free handle.



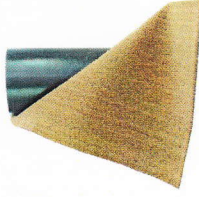
Hardboard
4' x 2' Hardboard
£1.48 per sheet

Plywood
4' x 2' 4mm
4' x 2' 6mm
£2.75 per sheet
£3.25 per sheet

Fibreboard
590mm x 850mm x 5.5mm, 10.03m² per pack
£13.50 per pack

Coir Matting
Natural 17mm – 1m or 2m wide, 12 linear metres
Rolls
Cuts
£12.95m²
£16.30m²

See page 4 for our extensive coir selection



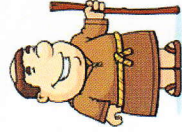
Gripper 500'

Wood, Crete, Dual Purpose any combination of 6 boxes £20.95 per box
£24.50 if sold individually

- Blind Gripper 3370 – No pins (G/Blind) £25.50 per box
- Standard 3110 – No nails, stickdown (G/S) £25.50 per box
- Wood – Long Pin Gripper (G/W/L) £25.50 per box
- Wood – Short Pin Gripper (G/W/S) £31.25 per box
- Architectural 6942 – Double width 250' (G/ARC) £79.95 per box
- FW008 For STAIRS – Pins & Mushroom tape (G/F/500) £75.95 per box
- FW007 For FLAT AREAS – Mushroom tape (G/F)

Padfelt

Standard 1m wide – 100m² (P/1) £11.70 per roll



Polythene Tubing 18"/22"

250 Gauge rolls, approx. 25kg (POLY) £2.49 per kg

SAMPLING: PLEASE CONTACT THE SALES OFFICE FOR SAMPLE REQUESTS.

CUTTINGS CAN BE SENT EITHER DIRECT TO YOU OR UNBRANDED TO YOUR CUSTOMER.

Carpets

CARPET RANGES

RANGE NAME	QUALITY	BACKING	CUTS m2	ROLL m2	RATING	WIDTH
CAMBRIDGE	polypropylene 1/10th loop	felt	£3.60	£3.25	GD	4m
DURHAM	polypropylene loop (polynatural yarn)	action bac	£5.75	£5.25	HD	4m
GROSVENOR 500Z TWIST	80% wool/15% PP/5% melbond. 50oz luxury twist	jute	£14.95	£13.45	MC/HD	4m/5m
LONDON TWIST	100% polypropylene	action bac	£5.45	£4.90	HD	4m

COUNTRY CLASSICS

RANGE NAME	QUALITY	BACKING	CUTS m2	ROLL m2	RATING	WIDTH
ASHDOWN	100% wool tufted - 3 ply yarn	jute	£15.99	£14.25	HD	4m/5m
ASHDOWN S TRIPE	100% wool tufted - 3 ply yarn	jute	£16.50	£14.60	HD	4m
BASKETWEAVE	100% NZ wool flatweave	action bac	£22.95	£20.45	HD	4m
DORSET	100% wool tufted - 4 ply yarn	jute	£15.99	£14.25	HD	4m/5m
EWEHURST	100% NZ wool tufted - 3 ply yarn	jute	£23.95	£21.55	HD	4 & 5m
HENLEY	100% wool tufted - 3 ply yarn	jute	£16.99	£14.70	HD	4m/5m
KENSINGTON	50% wool/50% polypropylene - 2 ply yarn	action bac	£14.60	£13.25	HC	4 & 5m
PASTICHE	100% NZ wool tufted - 3ply yarn	action bac	£23.55	£21.20	HD	4 & 5m
PENZANCE	100% wool tufted - 3 ply yarn	jute	£14.95	£13.45	MC/HD	4 & 5m
POT POURRI	10% wool/90% pp flatweave	action bac	£11.95	£10.25	HC/HD	4 & 5m
PIMLICO	50% wool/50% polypropylene - 2 ply yarn	action bac	£14.60	£13.25	HC	4 & 5m
WARWICK	100% wool tufted - 2 ply yarn	action bac	£10.50	£9.45	HD	4 & 5m

CONTRACT RANGES

RANGE NAME	QUALITY	BACKING	CUTS m2	ROLL m2	RATING	WIDTH
SAMSON RIB	polypropylene needlepunch cord	waffle	£5.95	£5.40	HC	4m
SAMSON VELOUR	polypropylene needlepunch velour	waffle	£5.95	£5.40	HC	4m
VULCAN RIB TILES	carpet tiles: 16 tiles, 4 m2 per box	bitumen	£9.95	n/a	HC	50cm x 50cm
VULCAN VELOUR TILES	carpet tiles: 16 tiles, 4 m2 per box	bitumen	£9.95	n/a	HC	50cm x 50cm

ENTRANCE MATTING

RANGE NAME	QUALITY	BACKING	CUTS m2	ROLL m2	RATING	WIDTH
COCO CABANA	synthetic coir - wheelchair compliant, indoor/outdoor, no shedding or fading!!	gel	£9.99	£7.99	HD	1m & 2m
CANYON GEL	polypropylene heavy ribbed	gel	£8.45	£7.60	HC	2m
MARS BARRIER MATTING	100% polypropylene pile	vinyl	£10.99	£9.99	HC	90cm

COIR MATTING

TYPE	HEIGHT	BACKING	CUTS m2	ROLL m2	RATING	WIDTH
NATURAL	17mm	vinyl	£16.30	£12.95	MC	1 & 2m
NATURAL	23mm	vinyl	£17.50	£15.90	MC	1 & 2m
NATURAL	30mm	vinyl	£25.25	£22.55	MC	1 & 2m
BLACK GREY, BLUE RED, DARK BROWN	17mm	vinyl	£25.75	£22.95	MC	1 & 2m

Unique Naturals & Natural Flooring

Unique Naturals

RANGE NAME	QUALITY	CUTS m2	ROLLS m2	RATING	WIDTH
TRADITION	100% pp stainfree, bleach cleanable	£12.50	£11.25	HC/HD	4m
CONTEMPORARY	100% pp stainfree, bleach cleanable	£12.50	£11.25	HC/HD	4m

Practical and stunning!

- Indoor/Outdoor Use
- 100% stain free pp
- Anti-Allergy
- Bleach Cleanable
- Anti-Static
- Anti-Fade/UV Protection
- Ideal for use in bathrooms, kitchens, utility rooms & conservatories

INSTALLATION: Suitable for direct stick, double stick or stretch-fit installations. Short Pin Gripper must be used with the stretch-fit method. Areas over 30m2 must be stuck down - F3/F40 Adhesive recommended. Tradition - a classic collection of popular textures. Contemporary - a modern mix of stripes and design. This innovative range will solve a multitude of problems - never be afraid of spilling on sisal/jute/coir again!!

Coir, Jute, Seagrass & Sisal



The Naturals - Coir, Jute, Seagrass & Sisal

RANGE NAME	QUALITY	BACKING	CUTS m2	ROLLS m2	RATING	WIDTH
BOUCLE NATURAL	100% coir	latex	£10.40	£9.15	HD	4m
PANAMA NATURAL	100% coir	latex	£9.35	£8.20	HD	4m
MEDIUM BOUCLE NATURAL	100% jute	latex	£13.40	£11.95	GD	4m
HERRINGBONE NATURAL	100% jute	latex	£13.40	£11.95	GD	4m
STANDARD PANAMA NATURAL	100% seagrass	latex	£6.35	£5.72	GD	4m
MINI BOUCLE AMBER	100% sisal	latex	£14.95	£13.50	HD	4m
MINI BOUCLE ASH	100% sisal	latex	£14.95	£13.50	HD	4m
MINI BOUCLE DUNE	100% sisal	latex	£14.95	£13.50	HD	4m
MINI BOUCLE FLINT	100% sisal	latex	£14.95	£13.50	HD	4m
MINI BOUCLE MAIZE	100% sisal	latex	£14.95	£13.50	HD	4m
SISAL ARTISTS DALI	100% sisal	latex	£14.95	£13.50	HD	4m
SISAL ARTISTS MONET	100% sisal	latex	£14.95	£13.50	HD	4m
SISAL ARTISTS PICASSO	100% sisal	latex	£14.95	£13.50	HD	4m
SISAL ARTISTS TURNER	100% sisal	latex	£14.95	£13.50	HD	4m
SISAL ARTISTS VAN GOGH	100% sisal	latex	£14.95	£13.50	HD	4m
TIGERS EYE AMBER	100% sisal	latex	£16.25	£14.60	HD	4m
TIGERS EYE BRONZE	100% sisal	latex	£16.25	£14.60	HD	4m
TIGERS EYE FLINT	100% sisal	latex	£16.25	£14.60	HD	4m
TIGERS EYE NATURAL	100% sisal	latex	£16.25	£14.60	HD	4m
TIGERS EYE TITANIUM	100% sisal	latex	£16.25	£14.60	HD	4m

NEW Vinyl

Flair 2.8mm, R10 Rated, 2m/3m/4m

11 colours, £4.75 Cut lengths, £4.25 Rolls, 0.20mm Wear Layer

Icons: R10, 7 YEARS WARRANTY, HORSE LOGO

Flair 101 1.50 x 1.50 tile size: off tile size	Flair 102 1.50 x 1.50 tile size: off tile size	Flair 103 1.50 x 1.50 tile size: 25 x 25 cm	Flair 104 1.50 x 1.50 tile size: 25 x 25 cm
Flair 105 1.50 x 1.50 plank size: 25 x 25 cm	Flair 106 1.50 x 1.50 plank size: 25 x 25 cm	Flair 107 1.50 x 1.50 plank size: N/A	Flair 108 1.50 x 1.50 plank size: 25 x 100 cm
Flair 109 1.50 x 1.50 plank size: 16.66 x 150cm	Flair 110 1.50 x 1.50 plank size: 16.66 x 150cm	Flair 111 1.50 x 1.50 plank size: 15 x 100 cm	Flair 2.8mm

Panache 3.5mm, R10 Rated, 2m/3m/4m

10 colours, £5.50 Cut lengths, £4.95 Rolls, 0.20mm Wear Layer

Icons: R10, 10 YEARS WARRANTY, HORSE LOGO

Panache 201 1.50 x 1.50 tile size: 33.33 x 60 cm	Panache 202 1.50 x 1.50 tile size: 33.33 x 60 cm	Panache 203 1.50 x 1.50 tile size: N/A	Panache 204 1.50 x 1.50 tile size: 1 x 2 cm
Panache 205 1.50 x 1.50 tile size: off tile size	Panache 206 1.50 x 1.50 tile size: off tile size	Panache 207 1.50 x 1.50 plank size: 19 x 100 cm	Panache 208 1.50 x 1.50 plank size: 25 x 100 cm
Panache 209 1.50 x 1.50 plank size: 16.66 x 150cm	Panache 210 1.50 x 1.50 plank size: 16.66 x 150cm	Panache 3.5 mm	

Pro Step Contract Vinyl

Icons: R10, PROTECT, HORSE LOGO

GOLDEN OAK PLANK 001L 2m 190cm x 100cm	CHALET OAK 969M 2m 190cm x 100cm	CHALET OAK 363M 2m 190cm x 100cm	IRIS 696D 2m 0.70m x 0.70m
IRIS 993M 2m 0.70m x 0.70m	IRIS 635M 2m 0.70m x 0.70m	LOUANE 999E 2m 0.70m x 0.70m	LOUANE 964M 2m 0.70m x 0.70m
LOUANE 769M 2m 0.70m x 0.70m	LOUANE 690L 2m 0.70m x 0.70m	LOUANE 109S 2m 0.70m x 0.70m	

Specification	Pro Step
Colours	11 colours
Thickness	2.25mm
Wear Layer	0.70mm
Widths	2m
Rating	R10 Rating
Price	£7.95m2
Roll Price	£7.05m2

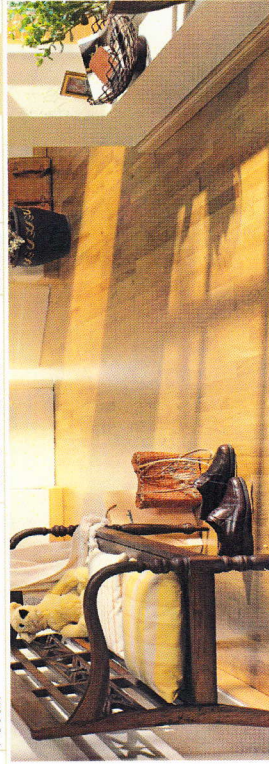
ProStep Contract Vinyl.
Hard wearing, anti-bacterial, slip resistant, R10 rated and super value. 11 colours in stock.

Welding rods to match **0.25p per lineal metre**

Laminate

Through popular demand we are delighted to bring you our new laminate flooring. Now stocked in two lovely finishes, 7mm thick, 4-sided V-groove. This product is hardwearing and super value.

CODE	PRODUCT	PLANK SIZE	PACK SIZE	PRICE m2	PALETTE SIZE	PRICE m2
4187	Oxford Oak	1292 x 192 x 7mm	52 Packs	£6.50	52 Packs	£5.95
4355	Pecan	1292 x 192 x 7mm	52 Packs	£6.50	52 Packs	£5.95



Laminate accessories:-

PROFILE	LENGTH	PRICE
Scotia	2.40m	£2.90 per length
Unistar twin/ramp	900mm	£5.99 per length
End	900mm	£4.99 per length
Stair Nosing	2.4m	£13.95 per length

Trekka Engineered Wood

This is a truly gorgeous product combining the beauty of engineered wood flooring at a really competitive price. Incredibly easy installation with a glueless fitting system. Combining luxury and design, there are some great colours to choose from.

CODE	PRODUCT	PLANK SIZE	PACK SIZE	PALLET SIZE	PRICE m ²	PALLET PRICE m ²
C-860810	Hardwood Hevea 3-Strip	1220 x 190 x 13.5mm	1.39m ² 55 Packs	55 Packs	£16.95	£14.95
C-860807	Oak 3-Strip	1220 x 190 x 13.5mm	1.39m ² 55 Packs	55 Packs	£18.95	£16.95
C-860985	Oak Plank	1220 x 148 x 13.5mm	1.42m ² 48 Packs	48 Packs	£22.75	£20.50
C-860090	Wide Oak Plank	1092 x 180 x 14.00mm	1.37m ² 40 Packs	40 Packs	£24.35	£21.95
C-860958	Prussian White Oak	1220 x 145 x 13.5mm	1.06m ² 66 Packs	66 Packs	£26.50	£23.95
C-860959	Gunstock Oak	1220 x 145 x 13.5mm	1.06m ² 66 Packs	66 Packs	£26.50	£23.95
C-860051	Brushed & Oiled Lime Oak	1220 x 145 x 13.5mm	1.06m ² 66 Packs	66 Packs	£29.95	£26.75

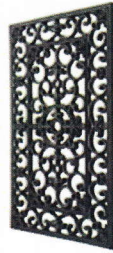


Mats & Rugs



Ruco Coir Mats
Any combination of 6 mats
40 x 60cm
£4.50 per mat

Owls, Cats, Welcome Dog, Welcome Stripes



Woburn Heavy Rubber Mats
Rectangle, Half Moon
Any combination of 6 mats
45 x 75cm
£3.75 per mat



Reversible Playmats
100 x 165cm **£15.99 per rug**



Mars Barrier Matting

Red, Blue, Grey
40 x 60cm **£16.50 per pack**
6 mats x 3 colours
60 x 90cm **£5.65 per mat**
90 x 120cm **£11.95 per mat**
90 x 150cm **£14.95 per mat**
120 x 180cm **£19.95 per mat**
90cm wide **£10.99m² per cut length**



Bombay Mats
Cat, Dog, Happy Cow
6 mats x any combination
45 x 75cm **£5.75 per mat**



Fine Rib Rubber Matting (no pic)
3mm x 1m x 10m (ENT)
£58.60 per roll (rolls only)



Manhattan Rugs
Beige, Black, Grey, Red
120 x 170cm **£29.95 per rug**

Need something to prevent your rugs slipping?
Rug Anti-Slip

92cm x 25m rolls **£109.50 per roll**
80 x 110cm rolls **£5.20 per pack**
6 packs x 80 x 110cm **£4.75 per pack**

Matching hardwood accessories:-

PROFILE	LENGTH	PRICE	PRICE (Gunstock)
Scotia	3m	£8.85 per length	£14.40 per length
Twin	990mm	£8.46 per length	£12.95 per length
Ramp	990mm	£9.04 per length	£14.95 per length
End	990mm	£7.22 per length	£11.16 per length
Radiator covers		£4.50 per pair	£4.50 per pair

Tools for Wood

EX/STRAP	Extension Strap	£7.50	6913	Pulling Iron	£37.00
SKI	Skimmer	£44.00	TAP	Tapping Block with Handle	£18.50
VAC	Vacuum Suction Pads	£28.50	GROOVED	Grooved Tapping Block with Handle	£19.00
6907	Aluminium Carrying Case	£50.00	6919	Parallel Scriber	£15.00
6909	Compression Rat-het	£25.00	6927	Backing Saw	£19.50
6910	Spacer	£23.50	6926	Carpenter Hammer	£13.22
6911	Compression Lever	£44.90	6929	Wedges Kit	£6.30
6924	Angle Scriber	£24.00	6932	22 Part Installation kit.	£399.00

Underlay

PU UNDERLAY	kg/m3	THICKNESS	AREA	1 + ROLL	12+ ROLLS
SUPER 10	80kg	10mm	15m2	£25.99	£21.50
BRIO	98kg	8mm	15m2	£27.20	£23.75
ZEST	98kg	10mm	15m2	£29.20	£25.99
SOFTWALK	110kg	9mm	15m2	£34.99	£30.99
DREAMWALK	110kg	11mm	15m2	£37.99	£33.99
REVIVE	145kg	7mm	15m2	£39.50	£34.50
AMBIENCE	145kg	9mm	15m2	£40.99	£37.20
SENSATION 11	145kg	11mm	15m2	£41.50	£37.50
TITANIUM - doublestick	160kg	9mm	15m2	£42.99	£39.99
DURAFIT SYSTEM					
DURAFIT SYSTEM	THICKNESS	AREA	1 + ROLL	10+ ROLLS	
DURAFIT 650 - doublestick	6.5mm	15m2	£57.95	£53.30	
RUBBER UNDERLAY					
RUBBER UNDERLAY	WEIGHT	AREA	1 + ROLL	10+ ROLLS	
COLOURS RED	100lb	11m2	£57.50	£52.50	
DURALAY KING	102lb	11m2	£43.95	£37.95	
TREADMORE (100lb) pro rata	75lb	11m2	£39.75	£36.75	
NEEDLEFELT UNDERLAY (flame retardant - conform to BS5908/4790)					
NEEDLEFELT UNDERLAY	WEIGHT	AREA	1 + ROLL	10+ ROLLS	
ABBOTT JUTE/HAIR	50oz	17m2	£38.70	£37.20	
RUBY WOOL/MIXED FIBRES	42oz	17m2	£30.75	£29.50	
CRUMB RUBBER/FELT					
CRUMB RUBBER/FELT	WEIGHT	AREA	1 + ROLL	10+ ROLLS	
PLATINUM	68oz	10m2	£41.15	£39.99	
WOOD UNDERLAY					
WOOD UNDERLAY	THICKNESS	AREA	1 + ROLL	10+ ROLLS	
BARRIER PLUS	3mm	15m2	£15.50	£14.95	
TIMBERMATE EXCEL	3.60mm	15m2	£34.50	£31.50	
UNDERFLOOR HEATING					
UNDERFLOOR HEATING	THICKNESS	AREA	1 + ROLL	10+ ROLLS	
CARPET .75tog	6.10mm	15m2	£64.95	£60.95	
WOOD/LAMINATE .35tog	3mm	15m2	£68.75	£64.75	

Metals

45 x .900m lengths per box, 15 x 2.70m lengths per tube

CODE SILVER	CODE GOLD	PROFILE	DESCRIPTION	BOX/TUBE SILVER	BOX/TUBE GOLD
511	611		SINGLE	£26.25	£31.20
512	612		DOUBLE	£31.95	£39.95
513	613		CARPET COVER	£25.50	£35.21
514	614		LINO EDGE SMALL	£27.85	£34.50
515	615		LINO EDGE MEDIUM	£28.50	£37.34
516	616		VINYL COVERSTRIP	£33.75	£46.88
517	617		CONTRACT COVER	£27.50	£34.70
518	618		HEAVY DUTY DOUBLE (9 Lengths per tube)	£54.90	£63.35
520	620		HEAVY DUTY DOUBLE RAISED BASE (9 Lengths per tube)	£58.30	£69.95
521	621		HEAVY DUTY SINGLE RAISED BASE	£42.55	£59.10
526	626		FOAMEDGE	£36.25	£60.55
530	630		1" ANGLE EDGE	£31.95	£48.43
531	631		MATWELL EDGE	£53.60	£69.53
532	632		SQUARE EDGE	£37.50	£49.77
533	633		TILE EDGE	£38.33	£68.08
COW/A	COW/S		EXTRA WIDE COVER 60MM WIDE	£50.95	£65.25
M34A	M34G		ZIG ZAG 9MM HEIGHT	£42.25	£54.50
M33A	M33G		ZIG ZAG 14MM HEIGHT (10 Lengths per tube)	£44.95	£58.35
M35A	M35G		ZIG ZAG 19MM HEIGHT UNPUNCHED (10 Lengths per tube)	£69.54	£70.93

Stickdown Metals

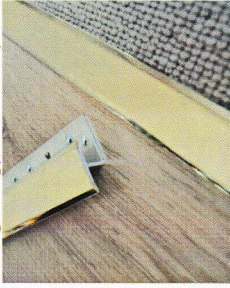
10 x 2.70m lengths per tube

CODE SILVER	CODE GOLD	PROFILE	DESCRIPTION	TUBE/LENGTH SILVER	TUBE/LENGTH GOLD
NE1	NE1		EDGE TRIM 8mm	£52.95/£6.95	£59.95/£7.50
NE2	NE2		EDGE TRIM 14mm	£52.95/£6.95	£59.95/£7.50
NE3	NE3		PARQUET EDGE TRIM 8mm	£52.95/£6.95	£59.95/£7.50
NE4	NE4		PARQUET EDGE TRIM 14mm	£52.95/£6.95	£59.95/£7.50
NE5	NE5		COVERSTRIP <small>Now with a smooth top!</small>	£52.95/£6.95	£59.95/£7.50

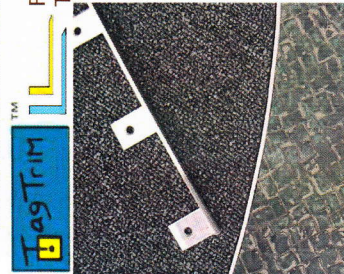
****We stock the items below. CAT have a huge range of gorgeous products available www.theatweb.com. We can supply CAT STAIRRODS, CAT NOSINGS and any other special orders for you – please speak to our Sales Office for details.

FAB profiles! We are now stocking these FABULOUS bars. All bases with a gorgeous top. FAB'S are only available in 0.900 length and in either a Z-bar (FAB single leg) or double (FAB twin leg).

PROFILE	LENGTH	CODE	BRASS & ANTIQUE BRONZE/BRASS	CHROME / SATIN CHROME
	0.900 ONLY	FAB	£16.58	£24.21
	0.900 ONLY	FAB TWIN LEG	£16.74	£24.36



PROFILE	LENGTH	CODE	SOLID BRASS BARS		ALUMINIUM	
			ANTIQUÉ BRASS/BRONZE	BRASS	CHROME / NISHEEN	SATIN / POLISHED ALI
	0.900	FELINE 1	£22.50	£21.63	£31.93	£12.41
	2.715		£64.39	£63.36	£94.26	£31.87
	0.900	FELINE 2	£24.65	£23.18	£32.03	£13.29
	2.715		£64.69	£63.66	£94.56	£34.56
	0.900	FELINE EDGE	£14.63	£14.42	£22.15	£5.83
	2.715		£43.98	£43.52	£66.44	£12.68
	0.900	BNF	£13.91	£12.88	£20.50	£5.83
	2.715		£38.88	£37.85	£61.49	£15.05
	0.900	BC38	£14.83	£14.73	£22.45	£5.48
	2.715		£44.60	£44.19	£67.47	£16.45



Formable trims and angles.

The neat solution when a feature trim is required in a curved form

DESIGN	MATERIAL	LENGTH	PRICE PER LENGTH
TTA 4.5	POLISHED ALUMINIUM	2.715m	£14.75
TTA 6.5	POLISHED ALUMINIUM	2.715m	£15.07
TTA 9	POLISHED ALUMINIUM	2.715m	£15.33
TTA 13	POLISHED ALUMINIUM	2.715m	£15.76
TTB 4.5	POLISHED BRASS	2.715m	£25.57
TTB 6.5	POLISHED BRASS	2.715m	£27.43
TTB 9	POLISHED BRASS	2.715m	£31.67
TTS 9	STAINLESS STEEL	2m	£16.17



catwalk is used for the fast easy curving or transitions profiles on site. STOCKED IN BLACK.

TOPS	PROFILE	STOCK LENGTHS	PRICE PER LENGTH	BASES	HEIGHT	STOCK LENGTHS	PRICE PER LENGTH
	T36	2.715m	£5.31		P8	2.715m	£9.52
	RT39	2.715m	£8.62		P12	2.715m	£10.65



Stairrod Products

We stock a selection of products from Stairrods as listed below. Any other products they run are available upon request – please phone our sales office to order.



Victorian Stair Clips

£8.95 per pair
We stock these in polished solid brass and chrome.

NEW Chocks & Wedges

250 per bucket – for building up door thresholds.

Easywedges

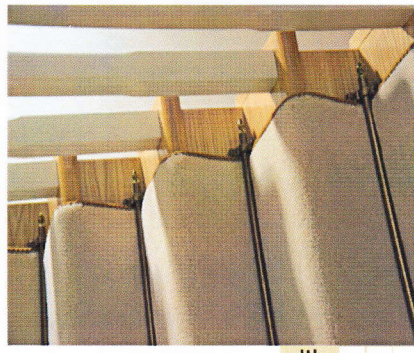
£6.00 per bucket
250 pieces

Easychocks
£8.00 per bucket
250 pieces



Homepride Hollow Stairrods

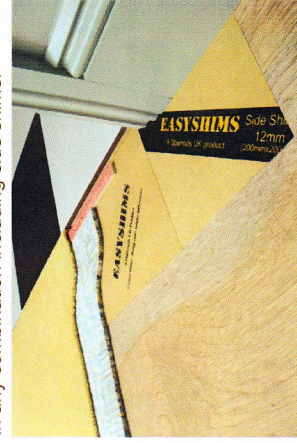
The Homepride collection is a range of hollow aluminium stair rods with a 1/2" 12.5mm diameter. The range features classic acorn finials. Available in 6 different finishes, brass, bronze, chrome, black, pewter and satin nickel. The Homepride ranges are supplied in stock lengths and can be cut to size on site. A quick and easy way to add style to any staircase.



STYLE	DESCRIPTION	LENGTH	PRICE
YORK	For runners	91.5cm(36")	£8.35
VISCOUNT	For fitted carpets - side fixing	76.2cm(30")	£7.20
ORIGINAL	For fitted carpets - front fixing	91.5cm(36")	£7.20

Easyshims

The easy way to fix your height differences. Each shim is 91cm wide with a 200mm ramp. 5 or 10 can be bought in any combination including side shims.



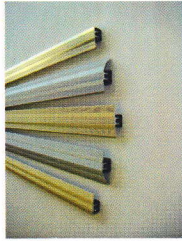
	6mm	9mm	12mm	15mm
1 pack (10 shims)	£31.14	£33.75	£39.98	£44.21
5 packs (50 shims)	£20.69 per pack	£23.30 per pack	£28.52 per pack	£33.74 per pack
10 packs (100 shims)	£18.60 per pack	£20.90 per pack	£25.60 per pack	£30.30 per pack
1 pack (20 shims)	£28.21 per pack	£30.72 per pack	£35.95 per pack	£41.18 per pack

NEW Easyshim STARTER PACK

Contains the following: 2 x 6mm shims & 4 x 6mm side shims, 2 x 9mm shims & 4 x 9mm side shims, 2 x 12mm shims & 4 x 12mm side shims. Sufficient for 6 door ways. Only £39.75 per starter pack!

Metal Profiles for Wood/Laminate/Ceramics

These can be ordered in either matt silver or synbrass.

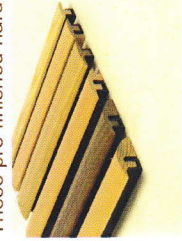


Flooring height 8-12mm	Code	Price 990mm	Price 3m
Twin Joint Expansion Cover	W/LT	£7.87	£23.85
Ramp Section/Dim Edge	W/LR	£8.02	£24.30
End Cap/Square Edge	W/LE	£7.53	£22.80
Flooring height 13-17mm	Code	Price 990mm	Price 3m
Twin Joint Expansion Cover	W/FT1	£10.99	£33.30
Ramp Section/Dim Edge	W/FR1	£11.29	£34.20
End Cap/Square Edge	W/FE1	£9.60	£29.10
Flooring height 17-22mm	Code	Price 990mm	Price 3m
Twin Joint Expansion Cover	W/FT2	£11.48	£34.80
Ramp Section/Dim Edge	W/FR3	£11.48	£34.80
End Cap/Square Edge	W/FE2	£10.49	£31.80

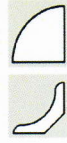


Woodline Hardwood Profiles

These pre-finished hardwood profiles and are for use with wood and laminate 15mm -18mm thick.



Ash, Beech, Light Oak, Sapele, Steamed Beech	Code	Price 990mm	Price 3m
Twin	WT	£8.66	£26.25
End	WE	£7.43	£22.50
Ramp	WR	£9.31	£28.20
Perimeter	WP	£7.18	£21.75
Antique Oak, Cherry, Iroko, Maple, Mahogany, Red Oak	Code	Price 990mm	Price 3m
Twin	WT	£9.11	£27.60
End	WE	£8.32	£25.20
Ramp	WR	£9.80	£29.70
Perimeter	WP	£7.62	£23.10
Light Oak	Code	Price 990mm	Price 3m
Semi Ramp	WSR	£9.60	£29.10



£8.94 per 3m length

Hardwood Quadrant and Scotia.

Available in Ash, Beech, Cherry, Light Oak, Mahogany, Maple and Sapele. 18mm x 18mm x 3m

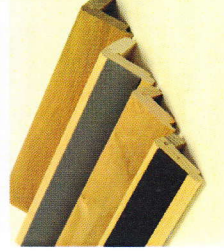
Woodline Hardwood Nosing

These nosing profiles are for use with wood and laminate.

They are designed to either lip over the edge of the flooring – to allow expansion (FWN5 EX) or to butt up flush, standard profile (FWN5).

30mm x 60mm (drop) x 1m
Ash, Beech, Light Oak, Sapele and Beech FWN5/EX £14.64 per 1m length
Antique Oak, Cherry, Iroko, Maple, Mahogany FWN5/EX £16.65 per 1m length

30mm x 60mm (drop) x 3m
Only stocked in Light Oak FWN5/EX £43.92 per 3m length



Frontier Hardwood Carpetline Profiles

Pre-finished hardwood profiles – designed for the carpet market. Reinforced, rebated edges allow carpet to be lipped underneath the profile without the risk of splits, cracks or breaks.



Provides a natural solid wood finish with no visible fixings.

Light Oak, Mahogany	Code	Price 960mm	Price 2900mm
Twin Joint	CT	£7.58	£22.04
Ramp Section	CR	£7.58	£22.04

Duo Stainosings

These metal profiles are suitable for use with wood, ceramic or stone staircases.

Duo are for use on flooring materials between 8mm-12mm thick.

We stock both matt silver or synbrass. (W/FDS1)

Available in either 1m or 3m lengths. £11.32 per metre



Harmonie Nosing Profile

These are foil wrapped MDF sections, suitable for use with laminate and wood staircases. They are designed to provide a smooth transition from tread to riser.

Harmonie are for use on flooring materials between 7mm-15mm thick. (NOS/LAM) Honey Oak, Maple, Natural Oak, Cherry, Wenge, Avignon Oak, Barn Oak.

Available in 2.40m lengths. £16.53 per 2.4m length



Frontier Natural Profiles

These combine the strength of aluminium with a wood effect finish.

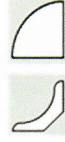
For use on flooring materials between 8mm – 12mm.

AuPVC base section and screw for fixing are included providing a clean finish with no visible fixings.

These are available in 990mm and 3m lengths. Available in Oak, Beech, Cherry and Maple.



Description	Code	Price 990mm	Price 3m
Twin Joint	NT	£6.49	£19.68
Ramp Section/Dim Edge	NR	£7.03	£21.30
End Cap/Square Edge	NE	£6.09	£18.45



Quadrant £1.40 per m
Scotia £1.30 per m

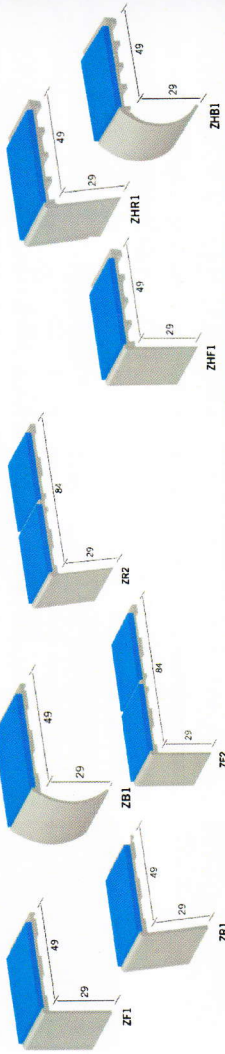


Radiator Pipe Covers

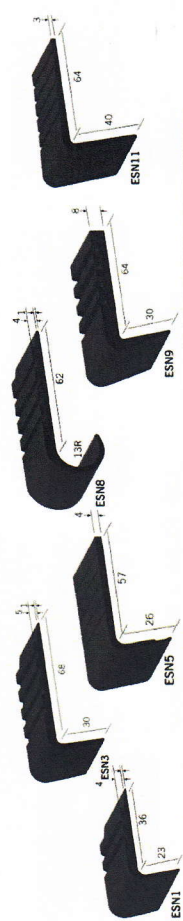
Clip together pre-finished hardwood. Suitable for 15mm pipes. Light Oak, Beech, Cherry, Mahogany, Merbau and Walnut. 1 x pair per pack. £4.50 per pack

Z-RANGE

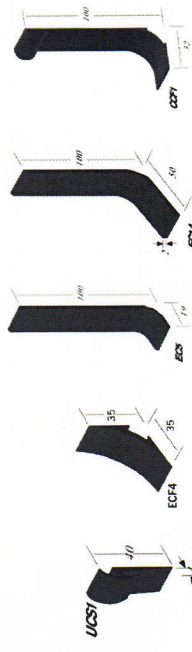
Stock lengths 1.22m of pre-drilled and adhesive taped channel with black infill for onsite trimming and application. Other colours and sizes can be ordered (5% charge on drilling) ask the sales office for details.



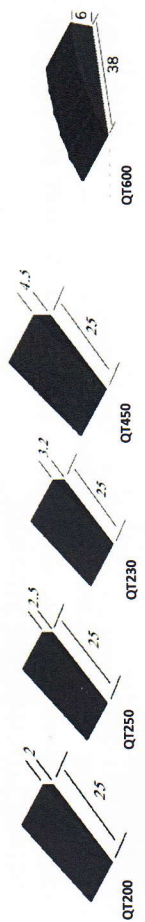
Slenderline 2 - 3.5mm		ZF1	ZR1	ZB1	ZF2	ZR2	Heavy Duty 4-7mm			ZHF1	ZHR1	ZHB1
Stock length (1.22m)		£9.19	£9.19	£9.19	£13.20	£13.20	£10.86	£10.86	£10.86	£10.86	£10.86	£10.86
stock length £ per m		£7.53	£7.53	£7.53	£10.82	£10.82	£8.90	£8.90	£8.90	£8.90	£8.90	£8.90
special order £ per m		£8.90	£8.90	£8.90	£12.04	£12.04	£10.06	£10.06	£10.06	£10.06	£10.06	£10.06



Flexible PVC	ESN1	ESN3	ESN5	ESN8	ESN9	ESN11
£ per 2m length	£6.88	£11.64	£11.64	£11.64	£17.58	£11.64



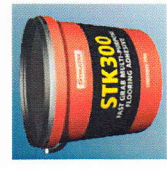
PVC Skirting	UCS1	ECF4	EC5	EC14	CCF1
£ per 2m length	£3.34	£3.36	£3.40	£5.42	£5.16



Dim Strips	QT200	QT250	QT320	QT450	QT600
£ per 25m coil	£18.00	£19.25	£20.50	£36.00	£52.26



Primers	5 litre	£26.40	Styccobond Adhesives	5 litre	£21.14
P131			F1 Latex	15 litre	£39.60
Cleaning products			F3 Adhesive	5 litre	£15.20
C141 G.P. Cleaner	500ml	£5.32	F30 Seaming Cement	500ml	£6.71
Stopgap Powders			F31 Sealant: Translucent, Black, White, Grey	310ml	£6.07
Green bag	25kg	£6.07	F40 High Tack	15 litre	£70.60
30 Fast-Track	16kg	£24.24	F40 High Tack	5 litre	£24.68
200 Smooth	25kg	£9.94	F41 Tackifier	25 litre	£104.42
300 Heavy Duty	25kg	£18.36	F44 Acrylic Adhesive	15 litre	£51.55
400 Repair Mortar	12kg	£11.70	F44 Acrylic Adhesive	5 litre	£19.22
500 Micro-Coat (Feather Edge)	12kg	£33.29	F45 Vinyl Adhesive	15 litre	£53.60
600 Base	25kg	£15.10	F45 Vinyl Adhesive	5 litre	£19.55
700 Flex	20kg	£32.21	F46 For vinyl: Pressure Sensitive	15 litre	£64.23
Graded Aggregate	25kg	£7.50	F54 High Grab Lino Adhesive	15litre	£43.81
Gauging Liquids			F54 High Grab Lino Adhesive	5 litre	£16.12
128 liquid	5 litre	£9.92	F60 Contact Adhesive	5 litre	£23.78
114 liquid	5 litre	£11.65	F60 Contact Adhesive	1 litre	£6.97
200 liquid	5 litre	£10.34	B95 Flexible Wood Adhesive	15kg	£97.32



Other Products & Suppliers

Applicator bottle for F30	£2.15	Gripper Adhesive cartridge (Stikatak)	310ml	£1.99
Mixing Bucket	25 litre	Gripper Adhesive fast set (Stikatak Superblue)	310ml	£4.95
Cartridge Applicator Gun		Vinyl spray adhesive (Stikatak)	250ml	£2.65
Disposable Adhesive Syringe		Superspray contact adhesive (Stikatak)	750ml	£4.99
Re-usable Syringe + 3 needles		STK 300 Multi purpose adhesive (Stikatak)	15 kg	£32.95
FE10 Cleaning Solvent	400ml	ColdWeld fluid for PVC floor coverings	132g	£14.00
FE10 Cleaning Solvent	5 litre	Stain Remover (Stikatak)	400ml	£1.99

Tools



Knives		
K/199TM	Stanley 199 TM	£4.40 B/92130
K/99E	Stanley Retractable	£6.00 B/HD
K/DOL	Dolphin (inc. holster)	£11.50 B/CON
K/91646	Lino/Rubber Handle	£9.00 B/H
K/A	Orcon Action Knife	£7.95 B/D-HOOK
K/LI/EYE	Eye Witness Lino Knife	£11.50 B/EYE

Blades for Knives		
	Normal Duty Straight (100pk)	£7.50
	Heavy Duty Blades (100pk)	£8.50
	Concave (100pk)	£9.50
	Hooked (100pk)	£9.50
	Deep Hook (10pk)	£2.50
	Blade for Eye Witness Knife	£6.25



Trimmers & Cutters		
TR/245	Deluxe Carpet Trimmer	£51.80
CU/206	Red Conventional Cutter	£10.00
CU/207	Blue Foamback Cutter	£12.00
CU/216	Adjustable Circle Cutter	£15.00
CU/668	Pajarito Juteback Cutter	£32.50
CU/768	Pajarito Foamback Cutter	£32.50
CU/N2100	Stikatak Trim Master	£25.50
CU/008	Technics Seam Cutter	£29.90
CU/303	Cut Loop Pile Cutter	£34.00
CU/29039	Crain Cushion Back Cutter	£18.50
CU/301	Crain Cushion Back Cutter	£26.00
ARA	Araseur (lino trimmer)	£12.80

Blades for Trimmers & Cutters		
TR/245	Blades (12pk)	£3.10
CU/206	Blades (10pk)	£3.53
CU/207	Blades (10pk)	£5.99
CU/216	Blades (2pk)	£1.50
CU/668	Blades (10pk)	£3.02
CU/768	Blades (10pk)	£1.82
CU/N2100	Blades (5pk)	£2.50
CU/008	Blades (12pk)	£3.10
CU/303	Blades (10pk)	£3.03
CU/29309	Blades (10pk)	£3.03
CU/301	Blades (10pk)	£3.03
ARA	Araseur Blades (5pk)	£2.50



Saws & Corresponding Blades		
S/1073001	Deluxe 10"	£23.00
S/1273002	Deluxe 12"	£34.00
S/262/280	Mitre 15313	£13.50
S/SGS	Super Gripper	£21.50
B/SGS	Super Gripper Blades	£5.70
S/NAP/SW	Professional Napping 7"	£12.10
S/NS	Silver Napping	£8.50
S/PAJ	Pajarito Lightweight	£26.40
TIN/AVE	Aviation Tin Snips (GR.1)	£19.50
	Junior Hacksaw	£4.50
	Large Hacksaw	£1.70
	Large Hacksaw (10pk)	£5.75
	Large Hacksaw Blades (2pk)	£1.99
	Roberts Electric Jamb Saw	£149.00
	S/T Blades	£9.50
	Roberts Long Neck Jamb Saw	£199.00
	SS/T Blades	£33.85
	Gulliver Door Trimmer	£680.00
	DT/GULL	£30.00
	DT/DOORBOSS	£420.00
	B/D/DOORBOSS Door Boss Blade 73052	£25.00

Measuring & Marking

SE/212	Solid Straight Edge 1m	£40.00	CH/B	Blue Chalk 8oz	£3.00
SE/535	Solid Straight Edge 36"	£16.50	CH/W	White Chalk 8oz	£3.00
SE/6863T	Roll Up Straight Edge 2m	£23.50	MS	Metre Stick (government stamped)	£22.00
SE/6865	Roll Up Straight Edge 4m	£42.00	T/203	Stanley Powerlock 3m	£6.85
T/SQUARE	T Square Only	£29.50	T/158	Stanley Powerlock 5m	£12.90
SE/91550	Adjustable S/Edge ST775	£40.00	TR/10	Rabone Fibreglass Tape 10m	£15.65
SE/86	Straight Edge 0.80m	£9.90	T/DUAL	Dual Lock Tape 7.5m	£5.95
CL	Plastic Chalk Line	£6.70	T/SWEENEY/10	Sweeney Tape 10m	£8.95
CL/M	Metal Chalk Line	£7.00	MITRE	Pajarito Mitre Block 262	£7.50



Knee Kickers					
KK/412	Roberts Deluxe Black	£72.50	TR/6847	Notched Trowel & Spare Blade	£9.95
KK/612	Crain Red	£95.00	TR/SM	Smoothing Trowel	£9.90
KK/CRAIN	Crain Deluxe	£103.50	TR/1022	Disposable Adhesive Trowel	£3.25
KK/WIDE	Crain 525 Wide Head	£90.00	TR/10326	Pointed Flemish Trowel	£12.50
KK/J42	Stikatak Blue	£75.00	TR/94580	Finishing Trowel	£19.95
			TR/ROBERT	Roberts Screeding Trowel	£6.95



Hammers					
H/P	Plen Hammer	£8.25	T/EX	Double Sided Exhibition (35mm x 50m)	£6.70
H/ST	Super Tack Hammer	£42.50	T/EX	Double Sided Exhibition (50mm x 50m)	£7.90
H/MAG	Magnetic Tack Hammer	£19.50	T/ADS	Antiplas Double Sided (50mm x 50m)	£7.99
H/C	Claw Hammer	£6.40	T/SDS	Heavy Duty Double Sided Cloth (50mm x 50m)	£6.50
			T/SS	Single Sided Black Waterproof (50mm x 50m)	£5.50
			T/MUS	Mushroom Tape for Felt Back (50mm x 25m)	£10.80
			T/IMP/50	Impact Double Sided (50mm x 50m)	£18.90
			T/IMP/25	Impact Double Sided (25mm x 50m)	£9.60

Needles & Thread		
N/93520	50mm Curved Needles (5pk)	£3.95
N/93521	75mm Curved Needles (5pk)	£4.25
N/93531	54mm Straight Needles (5pk)	£3.50
THISPOOL	Waxed Linen Thread	£15.00

DIY Retail Display Tapes		
T/SS/5B	30 Rolls Double Sided Tape Black (48mm x 5m)	£17.32
T/SS/5	30 Single Sided Tape Colour (48mm x 4.5m)	£16.50



Staplers & Corresponding Staples	
ME26	Maestri ME26/606 £174.00
ES18	18mm Staples for Hardboard (4800pk) £13.54
ES22	22mm Staples for Ply (4800pk) £14.88
BRAD	TG19mm Panel Pins for Scotia (7000pk) £18.28
BRAD/25	TG25mm Panel Pins for Quadrant (7000pk) £14.94
ME30	Maestri ME30 £195.00
	Electronic Panel Pinner
BRAD	TG19mm Panel Pins for Scotia (7000pk) £18.28
BRAD/25	TG25mm Panel Pins for Quadrant (7000pk) £14.94
ME16	Maestri ME16/4000 £162.00
	Electronic Stapler
ES16	16mm Staples for Hardboard (10000pk) £18.90
ES20	20mm Staples for Ply (10000pk) £19.93



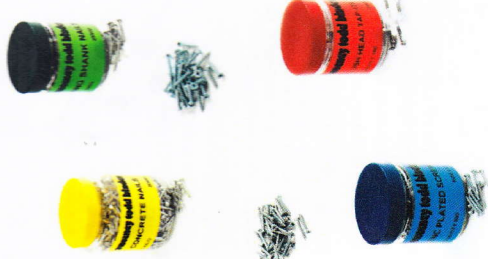
COMP	TS3832 Stapler & ZH2004K Compressor Kit	£399.00
	<ul style="list-style-type: none"> Model TS 3832 Air Stapler For Fast Fixing. Complete with quick clear, Nose Depth Adjustment, Carry case, Air Hose & Couplings. Lightweight - Only 1.3kg. Fitted with In Line Oiler. Easy Top Loading. 200 Staples Per Loading. Model ZH2004 2HP Compressor Oil Free-Direct Drive. Auto Stop/Start. 2 H.P. Motor, 240 Volts. Pressure Regulator. 10 Bar. 110 Volt Available. Weight Only 13kg. Comes in wheeled Plastic Box. 	



SN/5/8	55DC Staples 5/8" 16mm (5000pk)	£13.24
SN/3/4	66DC Staples 3/4" 20mm (5000pk)	£14.94
SN/7/8	77DC Staples 7/8" 22mm (5000pk)	£16.12
S/N	Spotnailer AF3807 Mallet Tool	£118.00
MET567	MET 567 Electric Spotnailer Gun	£169.00
SN/DB	Driver Blade	£8.99
SN/M	Spotnail Mallet	£8.50
RSH	A11 Staple Hammer	£19.50
RST	A11 Staples (5000pk)	£2.70
SPR	Spring for A11 Hammer	£8.50
ST/R	Staple Remover	£8.90

Bolsters		
ST	Narrow Stair Tool/Bolster	£8.50
ST/W	Wide Stair Tool/Bolster	£9.00
ST/B	Bent Stair Tool	£27.50
SAFE/SUPERTUK	Super Safe Tucker	£8.50

Nails, Tacks & Screws		
TB20	Blued Tacks 20mm (500g)	£2.90
TB25	Blued Tacks 25mm (500g)	£2.90
CN20	Concrete Nails 20mm (500g)	£2.85
CN25	Concrete Nails 25mm (500g)	£2.85
CN32	Concrete Nails 32mm (500g)	£3.00
RS20	Ring Shanks 20mm (500g)	£2.20
RS25	Ring Shanks 25mm (500g)	£2.20
TAP/C	Tappits Countersunk 1" (100pk)	£6.00
TAP/F	Tappits Flush Head 1" (100pk)	£6.00
WN20	Wire Nails 20mm (500g)	£2.60
WN25	Wire Nails 25mm (500g)	£2.60
BRASS	Screws - Brass (500g)	£3.35
ZINC	Screws - Zinc (500g)	£3.00
SCREWS/6W	Screws Size 6/1" Pozi (200pk)	£1.00



SCN45/KIT	SCN45 Coil Nailer Kit	£499.00
	<ul style="list-style-type: none"> For driving collated ring shank galvanised nails. Fitted with adjustable nail depth control. Trigger lock eliminates accidental firing. Model ZH2004 2HP Compressor Oil Free-Direct Drive. Auto Stop/Start. 2 H.P. Motor, 240 Volts. Pressure Regulator. 10 Bar. 110 Volt Available. Weight Only 13kg. Comes in wheeled Plastic Box. 	
SCN45	Coil Nailer	£299.99
SCN45/19	Nail Coil 19mm (10000)	£65.95
SCN45/22	Nail Coil 22mm (10000)	£65.95



Miscellaneous Tools		
AWL	AWL	£4.80
TL	Tack & Moulding Lifter	£6.00
BS	Boat Stone	£2.99
CARB	Carborundum Stone	£17.80
BFT	Blind Fixing Tool	£11.80
TOOLBAGS	Sweeney Tool Bag	£7.50
LINO	Crain Hand Lino Roller	£25.00
LINO/ROLLER	70kg Lino Roller	£395.00
SYR	Disposable Syringe	£5.70
SYR/29437	Re-Usable Syringe (inc 3 needles)	£29.50
CLAW	Carpet Claw	£31.00

Feet & Inches to Metres

INCHES FEET	0	1	2	3	4	5	6	7	8	9	10	11
0	0.00	0.03	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28
1	0.30	0.33	0.36	0.38	0.41	0.43	0.46	0.48	0.51	0.53	0.56	0.58
2	0.61	0.64	0.66	0.69	0.71	0.74	0.76	0.79	0.81	0.84	0.86	0.89
3	0.91	0.94	0.97	0.99	1.02	1.04	1.07	1.09	1.12	1.14	1.17	1.19
4	1.22	1.24	1.27	1.30	1.32	1.35	1.37	1.40	1.42	1.45	1.47	1.50
5	1.52	1.55	1.57	1.60	1.63	1.65	1.68	1.70	1.73	1.75	1.78	1.80
6	1.83	1.85	1.88	1.91	1.93	1.96	1.98	2.01	2.03	2.06	2.08	2.11
7	2.13	2.16	2.18	2.21	2.24	2.26	2.29	2.31	2.34	2.36	2.39	2.41
8	2.44	2.46	2.49	2.51	2.54	2.57	2.59	2.62	2.64	2.67	2.69	2.72
9	2.74	2.77	2.79	2.82	2.84	2.87	2.90	2.92	2.95	2.97	3.00	3.02
10	3.05	3.07	3.10	3.12	3.15	3.18	3.20	3.23	3.25	3.28	3.30	3.33
11	3.35	3.38	3.40	3.43	3.45	3.48	3.51	3.53	3.56	3.58	3.61	3.63
12	3.66	3.68	3.71	3.73	3.76	3.78	3.81	3.84	3.86	3.89	3.91	3.94
13	3.96	3.99	4.01	4.04	4.06	4.09	4.11	4.14	4.17	4.19	4.22	4.24
14	4.27	4.29	4.32	4.34	4.37	4.39	4.42	4.45	4.47	4.50	4.52	4.55
15	4.57	4.60	4.62	4.65	4.67	4.70	4.72	4.75	4.78	4.80	4.83	4.85
16	4.88	4.90	4.93	4.95	4.98	5.00	5.03	5.05	5.08	5.11	5.13	5.16
17	5.18	5.21	5.23	5.26	5.28	5.31	5.33	5.36	5.38	5.41	5.44	5.46
18	5.49	5.51	5.54	5.56	5.59	5.61	5.64	5.66	5.69	5.72	5.74	5.77
19	5.79	5.82	5.84	5.87	5.89	5.92	5.94	5.97	5.99	6.02	6.05	6.07
20	6.10	6.12	6.15	6.17	6.20	6.22	6.25	6.27	6.30	6.32	6.35	6.38
21	6.40	6.43	6.45	6.48	6.50	6.53	6.55	6.58	6.60	6.63	6.65	6.68
22	6.71	6.73	6.76	6.78	6.81	6.83	6.86	6.88	6.91	6.93	6.96	6.99
23	7.01	7.04	7.06	7.09	7.11	7.14	7.16	7.19	7.21	7.24	7.26	7.29
24	7.32	7.34	7.37	7.39	7.42	7.44	7.47	7.49	7.52	7.54	7.57	7.59
25	7.62	7.65	7.67	7.70	7.72	7.75	7.77	7.80	7.82	7.85	7.87	7.90
26	7.92	7.95	7.98	8.00	8.03	8.05	8.08	8.10	8.13	8.15	8.18	8.20
27	8.23	8.26	8.28	8.31	8.33	8.36	8.38	8.41	8.43	8.46	8.48	8.51
28	8.53	8.56	8.59	8.61	8.64	8.66	8.69	8.71	8.74	8.76	8.79	8.81
29	8.84	8.86	8.89	8.92	8.94	8.97	8.99	9.02	9.04	9.07	9.09	9.12
30	9.14	9.17	9.19	9.22	9.25	9.27	9.30	9.32	9.35	9.37	9.40	9.42
35	10.67	10.69	10.72	10.74	10.77	10.80	10.82	10.85	10.87	10.90	10.92	10.95
40	12.19	12.22	12.24	12.27	12.29	12.31	12.34	12.37	12.40	12.42	12.45	12.47
45	13.72	13.74	13.77	13.79	13.82	13.84	13.87	13.89	13.92	13.94	13.97	14.00
50	15.24	15.27	15.29	15.32	15.34	15.37	15.39	15.42	15.44	15.47	15.49	15.52