

WOODSWORKS

Scale Stripwood Supplies

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- Price List April 2011 -

Note: All prices include GST of 15%. Freight must be added to all orders, anywhere from \$2.50 up to \$13.00 for the largest items within New Zealand. Goods are normally shipped by track and trace parcel post or courier where appropriate. Australian customers are exempt from NZ GST, postage at cost.

We are agents for **C+L Finescale** and **Microengineering** and try to carry a selection of the most popular items at all times. However, orders can sometimes require a lead time of several weeks.

PLEASE NOTE Prices for all imported products subject to NZ\$ exchange rates

NICKEL SILVER RAIL AND HAND-MADE SLEEPERS FOR THE CRAFTSPERSON

(we recommend using 179° solder when fixing rail to PCB, see page 8)

15-040	Rail	Nickel Silver	Code 40	Per piece	1.40
15-055	Rail	Nickel Silver	Code 55	Per piece	2.20
15-070	Rail	Nickel Silver	Code 70	Per piece	1.80
15-083	Rail	Nickel Silver	Code 83	Per piece	2.20
15-100	Rail	Nickel Silver	Code 100	Per piece	3.40
15-056	Rail Joiners		Code 55	Pkt 50	15.85
15-070	Rail Joiners		Code 70	Pkt 50	15.85
15-084	Rail Joiners		Code 83	Pkt 50	15.85
15-101	Rail Joiners		Code 100	Pkt 48	15.85
15-125	Rail	Nickel Silver	Code 125	Per piece	4.10
15-148	Rail	Nickel Silver	Code 148	Per piece	4.10
15-001	Sleepers	PC Board	Custom made	Min. 50	Please enquire
15-002	Sleepers	Wood - low profile	To match PC board	Min. 200	Please enquire
15-003	Sleepers	Wood - packers	Packs up PC sleeper to full height	Min. 50	Please enquire
15-004	Sleepers	Wood - full height	Custom made	Min. 200	Please enquire

Sleepers are manufactured to your exact specification from single-sided copperclad PC board (1.6mm thick) or yellow cedar.

MICROENGINEERING - Ho 1:87 Scale

30-001	Turnout code 83 no. 6 Left Hand	\$39.00
30-002	Turnout code 83 no. 6 Right Hand	\$39.00

MICROENGINEERING - On30 1:48 Scale

40-001	Turnout No.5 Left Hand	Code 83	\$45.00
40-002	Turnout No.5 Right Hand	Code 83	\$45.00
40-003	Flextrack 6 x 3ft long	Code 83	\$70.00

KIWITRACK ACCESSORIES - 1:64 SCALE

(we recommend using 179° solder when fixing rail to PCB, see page 8)

Code	Description				Price NZ \$
10-022	Sleepers	8"x5"x7'	Wooden	Per 1000	60.00
10-023	Sleepers	8"x4"x7'	Wooden	Per 1000	58.00
10-024	Sleepers	8"x4"x7'	P/C Board	Per 100	Pre-gapped 18.00
10-025	Sleepers	8"x4"x8'	P/C Board	Each	.10
10-026	Sleepers	8"x4"x9'	P/C Board	Each	.10
10-027	Sleepers	8"x4"x10'	P/C Board	Each	.13
10-028	Sleepers	8"x4"x11'	P/C Board	Each	.14
10-029	Sleepers	8"x4"x12'	P/C Board	Each	.15

KIWITRACK ACCESSORIES - 9mm SCALE

(we recommend using 179° solder when fixing rail to PCB, see page 8)

Code	Description				Price NZ \$
20-015	Sleepers	7'	P/C Board	Each	0.17
20-016	Sleepers	8'	P/C Board	Each	0.19
20-017	Sleepers	9'	P/C Board	Each	0.22
20-018	Sleepers	10'	P/C Board	Each	0.24
20-019	Sleepers	11'	P/C Board	Each	0.27
20-020	Sleepers	12'	P/C Board	Each	0.30
15-125	Rail	Code 125	Nickel Silver	Each	4.10
15-148	Rail	Code 148	Nickel Silver	Each	4.10
20-023	Sleepers	8" x 5" x 7'	Wood	Per 100	17.20
20-024	Sleepers	8" x 2" x 7'	Wood	Per 100	15.40
20-025	Sleepers	8" x 3" x 7'	Wood	Per 100	16.50

(for use with PC board sleepers- recommend 1:4 ratio PC board to wood sleepers)

See **Windows and Doors** for more 9mm scale building details

7mm SCALE TRACK ACCESSORIES for flat-bottom rail see 9mm scale above

Fishplates – etched brass	48 pairs – that's right, 96 individual fishplates half with bolt-head, half with square nut detail		\$16.25
Fishplates – plastic	24 pairs – 48 individual fishplates		\$8.15
Chairs	For bullhead rail – 3 bolt pattern	Approx 500	\$44.20
Chairs - turnout	For turnouts constructed with bullhead rail – 4 bolt	Approx 100	\$12.40
Rail – code 125 Bullhead N/Silver	Ooh, shiny!	10 x 1 metre	\$48.30
Rail – code 125 Bullhead Steel	Very dark	10 x 1 metre	\$35.20

Bulk Packs of rail – Code 125 bullhead N/Silver x 100 pcs \$415
– Code 125 bullhead steel x 100 pcs \$300

4mm SCALE TRACK ACCESSORIES for flat-bottom rail see 1/64 scale on Pg2

Fishplates – etched brass	48 pairs – that’s right, 96 individual fishplates half with bolt-head, half with square nut detail		\$12.45
Chairs (plastic)	For bullhead rail – 3 bolt pattern, BR, LMS, SR, LNER, must be glued to wooden sleepers	Approx 500	\$39.20
Chairs – turnout (plastic)	For turnouts constructed with bullhead rail – 4 bolt, must be glued to wooden sleepers	Approx 100	\$9.60
Rail – code 75 Bullhead N/Silver		10 x 1 metre	\$20.60
Rail – code 75 Bullhead Steel		10 x 1 metre	\$17.75
Sleepers – PCB & Wood	Made to order, please enquire		

Bulk Pack of rail – Code 75 bullhead N/Silver x 100 yards \$94

Also available on indent; a huge range of UK-prototype turnout kits and components

See www.finescale.org.uk for the complete range.

TRACK LAYING ACCESSORIES - ALL SCALES

30-102	SPIKES – LARGE	500 – 12.7 mm long	\$17.90
30-104	SPIKES – MEDIUM	800 – 9.5 mm long	\$20.65
30-106	SPIKES – SMALL	1000 – 6.4 mm long	\$17.90
30-108	SPIKES – MICRO	1000 – 4.8 mm long	\$17.90

BALLAST

4mm Ballast – light grey	Made from crushed fruit stone, these ballasts help to reduce noise, are very light, and come in a convenient jar, 400mls by volume, 400grams by weight	\$13.60
4mm Ballast – dark grey		\$13.60
7mm Ballast – light grey		\$13.60
7mm Ballast – dark grey		\$13.60
Ash Ballast	For sidings, 400ml jar, all scales	\$13.60
Firebox Ash	Very convincing ‘ash’ for detailing loco depots, 250ml jar, all scales	\$6.70

Ballast can be mixed with Carr’s weathering powders to give variation in colour, just like the real thing

WEATHERING POWDERS

Rust and Coal, or Grey Tones, \$8.20

LINESIDE ACCESSORIES - ALL SCALES

SL1	POINT LEVER KIT	For cable operation	\$24.50
SL2	POINT LEVER KIT	For slow motion switch machines (with switch)	\$27.55
SL3	POINT LEVER KIT	For solenoid-type switch machines (momentary contact)	\$27.55
SL4	Fulgurex Turnout Motor	Slow motion turnout motor with extra contacts for signals, panel indication etc	\$28.75 ea \$250 per 10
SL5	Tortoise Turnout Motor	Slow motion turnout motor with extra contacts for signals, panel indication etc	\$34.70 ea \$300 per 10

Cast whitemetal replica of McKenzie & Holland signal box lever, approx 100mm tall. It is intended for mounting to the front of the layout, not on the layout. Turnout levers come assembled but not painted. For cable operation, we recommend using music wire sliding inside traditional spiral-wound curtain wire.

TURNOUT/SIGNAL/ANIMATION - ALL SCALES

C+L Finescale **Memory Wire kit \$47.80**– Enough parts to build approx 8-10 actuators, with wire, crimps & tags, voltage stabiliser & resistor and a selection of crank arms & return springs, with full instructions.

Also available separately – add-on packs of **memory wire \$34.60, crimps & tags \$4.10, voltage stabiliser & resistor \$4.10**

Also available on indent

NZGR 70 foot turntable 1:64 scale. Complete kit with wood pit **now available \$245**, fully assembled but not painted \$410. Register your interest to have one reserved now, numbers will be limited.

WINDOWS AND DOORS

Woodworks window and door parts are manufactured locally from laser cut plywood. Please note that these do NOT include material for glazing. Each style is available in four scales as standard; 1/64, 1/48, 1/34 and 1/24, different scales and variations of styles available on request. Due to the vast amount of stock we would have to carry to cover all permutations of style and scale, we instead manufacture to order with turnaround of 1-2 weeks.

Please see supplementary sheets **WINDOW AND DOOR DIAGRAMS** for further details of construction and scale drawings of each.

**NOTE: First two digits of part number is the scale of the item
i.e. 48-001 is 1:48 scale, 64-232 is 1:64 scale etc**

Code	Description	Cutout Size (Vert x horiz)	Notes	Plan #	Price NZ \$
64-001	Window - station	35.0x19.0	4-pane	Station Class B- NZMRG #2 (9)	\$3.00
64-002	Window - station	35.0x16.5	w/louvres	Station Class B- NZMRG #2 (2)	\$2.85
64-003	Window - station	25.5x13.0	4-pane	Station Class B- NZMRG #2 (1)	\$1.75
64-004	Window - station	15.5x10		Station Class B- NZMRG #2 (2)	\$1.15
64-005	Louvre - station	13x10		Station Class B- NZMRG #2 (2)	\$0.55
64-006	Door - station	48x26	Dbl w/light	Station Class B- NZMRG #2 (1)	NYA
64-007	Door - station	48x19.5	Sgl w/light	Station Class B- NZMRG #2 (4)	NYA
64-008	Door - station	44x27.5	Dbl	Station Class B- NZMRG #2 (1)	NYA
64-009	Door - station	33.5x16.5	Internal	Station Class B- NZMRG #2	\$2.40
64-010	Ticket slide	11x10	w/bars	Station Class B- NZMRG #2	NYA
64-011	Skylight - station	17.5x17.5		Station Class B- NZMRG #2	NYA
64-022	Kaiapoi 2-panes wide	32 x 12		Kaiapoi Station narrow window	\$2.05
64-023	Kaiapoi 3-panes wide	32 x 17		Kaiapoi Station bay window	\$2.50
64-024	Kaiapoi 4-panes wide	32 x 18		Kaiapoi Station large window	\$2.60
64-101	Window - engine shed	42x21.5		Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$4.10
64-102	Door - engine shed	34x18	Access door	Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$1.55
64-103	Door - engine shed	67x50 overall	Loco stall doors- pair	Single stall engine shed PWD plan 23396, NZMRG plan # 20	NYA
64-104	Louvre - engine shed	17x12		Single stall engine shed PWD plan 23396, NZMRG plan # 20	NYA
64-201	Window - Railway House	32x19	6+2 pane	Railway house, NZMRG planset #3	NYA
64-202	Window - Railway House	22x16	Bathroom	Railway house, NZMRG planset #3	NYA
64-203	Window - Railway House	18x26	Kitchen	Railway house, NZMRG planset #3	NYA
64-205	Window - Railway House	22x18	Laundry	Railway house, NZMRG planset #3	NYA
64-206	Window - Railway House	18x12	Toilet	Railway house, NZMRG planset #3	NYA
64-207	Door - Railway House	36x19.5	Front door	Railway house, NZMRG planset #3	NYA

WINDOWS AND DOORS (continued)

Code	Description	Cutout Size	Notes	Plan #	Price NZ \$
64-208	Door – Railway House		Back door	Railway house, NZMRG planset #3	\$2.00
64-232	Window - Cottage	22x22	2-pane	Waipara cottage	\$2.45
64-233	Window - Cottage	22x32	3-pane	Waipara cottage	\$3.10
64-234	Sgl door – Cottage	34x15.5	5x3 pane	Waipara cottage	\$2.80
64-235	French Door- Cottage	34x40.5	5x3 pane x3 sections	Waipara cottage	\$5.75
48-001	Window - station		4-pane	Station Class B- NZMRG #2 (9)	\$4.00
48-101	Window - engine shed			Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$5.75
34-101	Window - engine shed			Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$7.90
24-101	Window - engine shed			Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$9.70
19-101	Window - engine shed			Single stall engine shed PWD plan 23396, NZMRG plan # 20	\$14.70

**We happily accept commissions to produce unique windows and doors just for you
Projects completed to date:**

- O-scale windows for the restoration of an historic engine shed model
- P9 (9mm:ft 1/34) scale windows for an NZR George Troup-style station
- O-scale porch brackets and roof trim for a model of the Elim Hotel

SCRATCH-BUILDING SUPPLIES

1: STRIP WOOD includes NZ GST of 12.5%

HO 1/87	/pc	S 1/64	/pc	O 1/48	/pc	7mill 1/43.5	/pc	9mill 1/34	/pc	G 1:24	/pc
1"x6"	poa	1"x6"	poa	1"x6"	poa	1"x6"	\$0.95	1"x6"	\$0.96	1"x6"	\$1.00
1"x12"	poa	1"x12"	poa	1"x12"	\$0.98	1"x12"	\$0.99	1"x12"	\$1.02	1"x12"	\$1.08
2"x2"	poa	2"x2"	poa	2"x2"	\$0.92	2"x2"	\$0.93	2"x2"	\$0.94	2"x2"	\$0.96
2"x3"	poa	2"x3"	poa	2"x3"	\$0.93	2"x3"	\$0.94	2"x3"	\$0.95	2"x3"	\$0.97
2"x4"	poa	2"x4"	\$0.93	2"x4"	\$0.94	2"x4"	\$0.94	2"x4"	\$0.96	2"x4"	\$0.99
2"x6"	\$0.93	2"x6"	\$0.94	2"x6"	\$0.95	2"x6"	\$0.96	2"x6"	\$0.98	2"x6"	\$1.03
2"x8"	\$0.93	2"x8"	\$0.95	2"x8"	\$0.97	2"x8"	\$0.98	2"x8"	\$1.00	2"x8"	\$1.06
3"x3"	\$0.92	3"x3"	\$0.93	3"x3"	\$0.94	3"x3"	\$0.94	3"x3"	\$0.96	3"x3"	\$1.00
3"x4"	\$0.92	3"x4"	\$0.93	3"x4"	\$0.95	3"x4"	\$0.95	3"x4"	\$0.97	3"x4"	\$1.02
3"x6"	\$0.93	3"x6"	\$0.94	3"x6"	\$0.96	3"x6"	\$0.97	3"x6"	\$1.00	3"x6"	\$1.06
3"x12"	\$0.95	3"x12"	\$0.98	3"x12"	\$1.01	3"x12"	\$1.03	4"x1"	\$0.94	3"x12"	\$1.19
4"x4"	\$0.93	4"x4"	\$0.94	4"x4"	\$0.97	4"x4"	\$0.96	4"x4"	\$0.99	4"x4"	\$1.04
4"x6"	\$0.94	4"x6"	\$0.95	4"x6"	\$0.97	4"x6"	\$0.98	4"x6"	\$1.02	4"x6"	\$1.09
4"x8"	\$0.94	4"x8"	\$0.96	4"x8"	\$0.99	4"x8"	\$1.00	4"x8"	\$1.05	4"x8"	\$1.14
4"x12"	\$0.96	4"x12"	\$0.99	4"x12"	\$1.03	4"x12"	\$1.05	4"x12"	\$1.11	4"x12"	\$1.24
5"x8"	\$0.95	5"x8"	\$0.97	5"x8"	\$1.00	5"x8"	\$1.02	5"x8"	\$1.07	5"x8"	\$1.18
6"x6"	\$0.94	6"x6"	\$0.97	6"x6"	\$1.00	6"x6"	\$1.01	6"x6"	\$1.06	6"x6"	\$1.16
6"x12"	\$0.97	6"x12"	\$1.01	6"x12"	\$1.06	6"x12"	\$1.08	6"x12"	\$1.17	6"x12"	\$1.35
12"x12"	\$1.01	12"x12"	\$1.07	12"x12"	\$1.16	12"x12"	\$1.20	12"x12"	\$1.34	12"x12"	\$1.68
12"x18"	\$1.05	12"x18"	\$1.13	12"x18"	\$1.26	12"x18"	\$1.31	12"x18"	\$1.52	12"x18"	\$2.01

PLUS Dowelling of diameters 3, 3.2, 4.5, 6, 8mm, various lengths

Woodsworks stripwood is made from Yellow Cedar, which is light, strong, straight grained and resistant to warping, not to mention very resistant to rot so is suitable for use outdoors. Standard length is 610mm (24 inches)

Due to machining limitations, there is the occasional machining mark, but generally there are two good faces. Lengths 915mm, 1220mm, 1524mm available upon request for those extra-big projects, priced proportionally. For large parcels we use Mainfreight transport, half the cost of couriers for the same service!

8" x 5" is appropriate for NZR sleepers, in case you were wondering why there is such an odd size in there.

Other species such as Cherry, Walnut, Totara, Kauri, Rimu are available - charge out at premium of 50% over standard stripwood price.

Yellow Cedar can also be machined for full sized aircraft building as it is a good substitute for Sitka Spruce, two 'kits' for 'KR2S' microlights supplied to date, 45 kilograms of timber each!

2: SOLDER

Carr's low-melt solders in stock! We buy in bulk where possible then divide it up for resale to obtain the best possible price. All Carr's products can be sourced on request, these are just the ones that we normally hold in stock.

C1000	221 degree Tin/Silver	Excellent wetting properties, does not contain lead. 1.2mm wire form	\$4.50 /30g wire
C1004	183 degree Tin/Lead	Good flow properties, leaves only small fillet, useful for sheetmetal and close-fitting joints	\$1.50 /30g wire
C1003	179 degree Tin/Lead/Silver	Similar to 188 deg. but silver content improves flow, useful for laminating sheets	\$4.50 /30g wire
C1002	145 degree Tin/Lead/Bismuth	Use for adding smaller detail parts after assembling larger structures	\$4.00 /30g wire
C1044	100 degree Lead/Bismuth	Use for adding smaller detail parts, a new recipe that is not as brittle as 70 deg. solder	\$9.60 /50g sticks
C1040	188 solder paint 30ml	Solder paint for easy application, great for laminating or adding fine detail	\$23.90 30mls
C1016	179 solder cream	Easy-application form of 179 solder	\$44.20 /30g
C1013	198 – 215 degree Zinc rich solder	For Mazak and Diecast repairs	\$13.70 /50g wire

3: FLUX & SOLDERING AIDS

All Carr's products can be sourced on request, these are just the ones that we normally hold in stock.

C1026	Yellow Label Flux 50 mls	General purpose phosphoric acid flux, easy to rinse away with C1052 or water	\$8.30
C1028	Orange Label Flux 50 mls	Non-corrosive flux for jobs that can't be cleaned afterwards	\$9.50
C1020	Red Label Flux 50 mls	An organic flux compound, ideal for whitemetal & very good for other nonferrous metals. Breaks down to leave non-corrosive residues	\$8.30
C1051	Solder Mask 15g paste	Use to protect areas that you don't want to solder, also for dry lubricant (graphite paste)	\$8.15
C1052	Neutralising Rinse 50 mls	Use to remove flux residue to stop corrosion	\$5.25
C1056	Surface Conditioner 50 mls	Use to treat metal prior to blacking or painting	\$9.00
C1063	Metal blacking – for brass - 50 mls	Dilute with water and brush on to build up successively darker shades	\$9.00
C1065	Metal blacking – for white metal	Dilute with water and brush on to build up successively darker shades	\$9.00
C1069	Metal blacking – for Nickel Silver	Dilute with water and brush on to build up successively darker shades	\$9.00
C1070	Metal blacking – for Aluminium	Dilute with water and brush on to build up successively darker shades	\$9.00

4: MATERIALS

Nickel Silver Sheet : different sizes available by arrangement

<i>Imperial</i>		<i>Metric</i>
0.016" x 5.875" x 12"	\$26.60	0.4 mm x 149 mm x 305 mm
0.032" x 5" x 12"	\$42.00	0.8 mm x 127 mm x 305 mm
0.062" x 6" x 12"	\$96.00	1.6 mm x 152 mm x 305 mm
0.09375" x 6" x 12"	\$145.00	2.4 mm x 152 mm x 305 mm

Styrene Plastic Sheet :

220 x 380 mm	0.75 mm	\$3.10
	1.0 mm	\$3.60
	1.5 mm	\$4.30
	2.0 mm	\$5.10

5: MISCELLANEOUS BITS'N'BOBS

Carr's weathering powders \$8.20 reds and browns, or greys and blacks
Micro Engineering tower bridge kits in Ho and N

Brass etch design and Rapid Prototyping design services by commission

And a word on postage & payments

Rail \$8.00 within North Island, \$13.00 to South Island – if cut in half \$5.50 to all NZ

Smaller items typically \$2.50-\$5

Wood strip 610mm long \$5.50 to all NZ

Anything longer than 1050mm must be couriered, but wherever possible we use Mainfreight as they are half the price of a courier and serve most places.

We accept cheques, cash, direct credit – sorry, no credit cards

We can accept cheques in most major foreign currencies so long as they are drawn on a major bank. Australian \$ cheques are usually no problem at all. Postage charged at cost, NZ Post's overseas shipping rates are quite reasonable.