



R.T.D. Crawford Ltd

MACHINE TIMBER SPECIALISTS





R.T.D Crawford Ltd

MACHINE TIMBER SPECIALISTS

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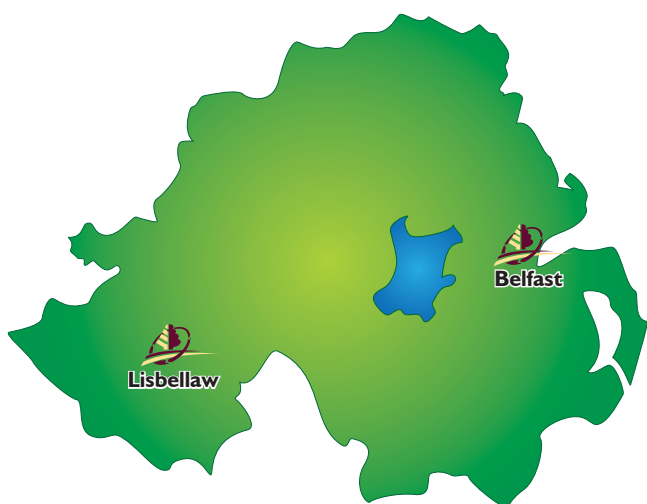




R.T.D. Crawford Ltd

MACHINE TIMBER SPECIALISTS

COMPANY HISTORY



RTD Crawford Ltd was established in Lisbellaw Co. Fermanagh in 1978. Initially Ronnie Crawford and a single employee saw the timber through every stage of process and delivery.

A vision to create quality products, coupled with investments in modern equipment allowed the company to develop from these humble beginnings to its position today as the market leader.

In 1996 the company opened a second site in the Port of Belfast. This strategic location gave the company increased control and access to material imported through the port. The company expanded its treatment facilities to include the Dock Sawmills, providing treatment for other companies as well as RTD Crawford products.

In 2004 the company took the bold decision to open a new milling facility on the Lisbellaw site. This resulted in the most modern purpose built milling facility in Europe. The most recent development in the RTD Crawford portfolio of products is the Bio Heat Logs which are an excellent source of environmentally friendly fuel.

RTD Crawford Ltd is continuing to research and develop ways of recycling timber.



LISBELLAW

The main milling facility is situated on the outskirts of Lisbellaw village in County Fermanagh. The site covers an area of over 14 acres and has a milling area of 12,500m². The company produces over 500 separate timber profiles which are produced to the highest standard and according to detailed specifications.

WE OFFER AND SUPPLY

- **Quality Mouldings**
- **Door Linings**
- **Dado Rails**
- **Decking**
- **T+G Flooring**
- **TGV Sheeting**
- **Log Cabin Profiles**
- **Hand Rails**

WE STOCK THE FOLLOWING HARDWOODS

- **American White Oak**
- **Southern Yellow Pine**
- **Western Red Cedar**
- **Sapele**
- **Keruing**

We deliver throughout Ireland



BELFAST

RTD Crawford Ltd is currently the largest importer of timber in Ireland. The location of our Belfast branch within the harbour estate enables the company to provide faster access to timbers arriving from various parts of the world.



Landed timber is unloaded and stored in a designated area on the docks.



Covered storage areas ensure that kiln dried timber is kept dry ready for further processing.



The prime location of the Belfast branch allows customers to arrange collection with minimum delay.

The majority of our timbers are sourced from the Nordic region and come from forests which are well managed and sustainable.



THE MILL

The milling facility on the Lisbellaw site covers an area of 12,500m², purpose built in 2004 it remains one of Europe's most modern mills. Investment in a range of state of the art machinery allows the company to respond to the varying demands of the market.

WE OFFER THE FOLLOWING

- Precision machining at speeds up to 120ms/Min
- Computerised measuring
- Automatic bundling
- Computerised labelling
- Shrink wrapping
- Automatic crosscutting to customers' own requirements

As we design and manufacture our own cutters, we can produce cutters to match existing profiles.

**If you can draw it,
we can plane it**



DISPATCH

The RTD Crawford Ltd Dispatch Department is designed to facilitate the fast and efficient building of orders according to customers' requirements.

Our extensive racking system enables the company to store a range of products in various lengths giving the customer greater choice.

The company holds a large stock of machined timbers in our Lisbellaw site. This allows us to respond quickly to our customers' needs.

We deliver to customers throughout Ireland



SHAVINGS

Fresh, dry softwood shavings are vacuum packed by RTD Crawford Ltd to produce a high quality, totally natural product.



Each bale is individually weighed by computer.



Baled shavings are automatically stacked and securely wrapped on pallets to ensure safe transport.



Our baled shavings are ideal for use in the poultry and equestrian industries.



HEAT LOGS

The company currently manufactures Bio Heat Logs which provide an environmentally friendly fuel. The Bio Heat Logs consist of 100% wood chip and sawdust, and are CO₂ neutral. The Bio Heat Log is a clean efficient fuel source.

Benefits of Bio Heat Logs

- Suitable for all types of solid fuel appliances and open fireplaces
- Very Low Ash 1%
- High Heating Value (= 4800 kcal +/-)
- Smokeless and clean to handle
- Ash Ph Neutral
 - Can be used as fertilizer

Bio Heat Logs are available in:

- 9kg Packs
- 20kg Pack

It is recommended that you use 30-40% fewer heat logs compared with fossil fuels.

Heat Logs should always be stored in a dry place.

It is important to read the instruction leaflet supplied with each pack.

**Bio Heat Logs,
the Fuel of the Future**





R.T.D. Crawford Ltd

MACHINE TIMBER SPECIALISTS

TIMBER TREATMENT SPECIFICATION

Our timber treatment centre is situated in the Belfast Branch. There are two types of timber preservative available. Osmose Naturewood and Protim Clearchoice.



IDEAL USES

- **Structural Timbers**
- **Garden Furniture**
- **Playground Equipment**
- **Patios & Decks**
- **Fencing**
- **Landscaping Structures**



Continued investment in our treatment facilities has resulted in the installation of state of the art treatment equipment which provides a faster, more efficient service



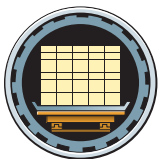
IDEAL USES

- **Roof Trusses**
- **Carcassing Timber**
- **Timber Frame Material**
- **Construction Timber**



All our treatments are bio degradable in accordance with current government environmental legislation. The timber has a yellow tint after treatment.

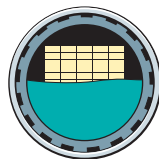
The Preservative Process



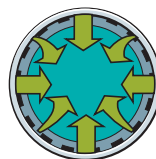
The timber is transferred into the treatment vessel.



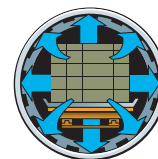
A vacuum pulls the air out of the vessel.



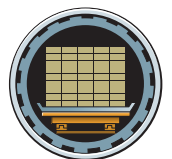
Osmose preservative fills the vessel.



The vessel is pressurised forcing the preservative into the timber.



The preservative is removed and final vacuum is applied.



The timber has now been preserved with Osmose preservative.



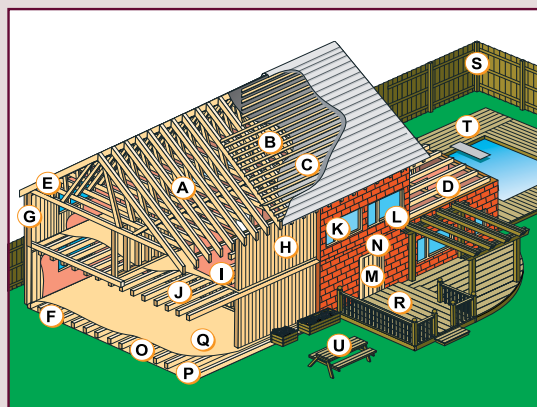


If you require any further information relating to any aspect of the treatment process please do not hesitate to contact us. Correct treatment procedures can vastly prolong the life span of the product.

PROTIM CLEARCHOICE is an organic based preservation system for wood, pressure treated for use in construction projects that require protection to use classes UC1, UC2 and UC3. When using Protim Clearchoice in external applications it will need to be coated with a suitable external coating which will be maintained in service.


OSMOSE NATUREWOOD is a preservation system for wood that has been pressure treated with an Osmose preservative system which is based on copper and an organic co-biocide (Alkaline Copper Quaternary) that requires protection to use classes UC1, UC2, UC3 and UC4.

Further information available
www.osmose-europe.com



COMPONENT	USE CLASS	RECOMMENDED TREATMENT	
A Domestic pitched roofs all structural timber	1	P	
B Condensation - risk pitched roofs - all structural timber	2	P	
C Tiling / slating battens	2		
D Flat roof timbers	2	P	
E Barge boards, fascia boards	3a		
F External frame - inner leaf - except sole plates	2	P	
G* Frame sheathing - plywoods	2		
H External cladding	3	P	
I Battens for fixing external cladding	2		
J First floor joists	1	P	
K External joinery	3a		
L Surrounds for non-wood windows	3a		
M External doors	3a		
N External door frames	3a		
O Ground floor joists	2	P	
P Sole plates above DPC	3†		P
Q Sole plates below DPC	4		
R Decking	3b		
S Fence posts	4		
T Swimming pool surrounds (external)	4		
U Timber garden products	3/4		

P In these circumstances this treatment is the preferred option.

G* Certain grades of plywood can be preserved with  please check.

†Please contact the Osmose Technical Services

USE CLASS TABLE

Use Class (UC)	Use
1	Above ground, covered. Permanently dry, insect risk.
2	Above ground, covered. Occasional risk of wetting.
3a	Above ground, coated. Exposed to frequent wetting.
3b	Above ground, uncoated. Exposed to frequent wetting.
4	In contact with ground or fresh water. Permanently exposed to wetting.



RECYCLING

RTD Crawford Ltd has always been committed to operating our business in an environmentally friendly manner. We have taken this commitment a step further by developing our business to include timber recycling. RTD Crawford Ltd is licenced by the Northern Ireland Environment Agency to accept timber waste.

Clean timber waste (such as redundant stock or timbers no longer fit for purpose) may be suitable for our recycling program. Purchase prices are agreed depending on quality and weight.

Timber for recycling can be brought to site or a collection service can be arranged.

A mobile waste reduction service is available. Using this system, oversized waste material can be pre-crushed at source to facilitate more efficient transportation to our site.

We utilize all of the chips produced for animal bedding and Heat Log production.





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MACHINE TIMBER SPECIALISTS

PROFILES

PROFILES

STANDARD MOULDED PROFILES

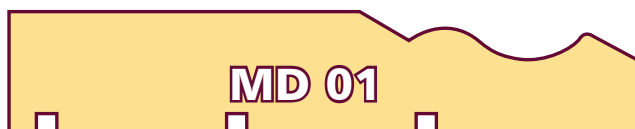
This is only a small selection of the RTD Crawford Moulding range. For other patterns please contact us.



(44 x 12) (69 x 12) (94 x 12)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



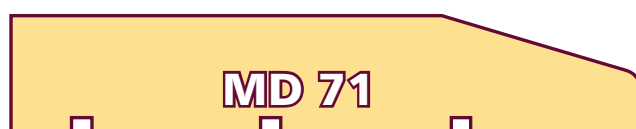
(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



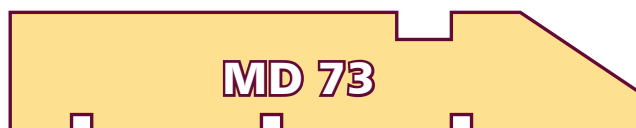
(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



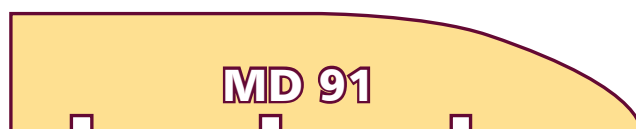
(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)



(94 x 19) (119 x 19) (144 x 19)



(69 x 19) (94 x 19) (119 x 19) (144 x 19)

Profiles can be supplied crosscut into specific lengths and spiral wrapped.
Contact our head office for prices.



LOG CABIN

The growth in demand for specialist cabins and sheds has resulted in the introduction of new log cabin profiles. If you require a specific profile please contact our head office.



94 x 19 Standard Log Cabin



94 x 19 Bevelled Ship Lapped



144 x 19 Standard Ship Lapped



144 x 44 Double T+G Log Cabin



119 x 19 Bevelled Ship Lapped



119 x 19 Log Cabin



119 x 28 Double Sided Log Cabin



144 x 32 Bevelled Log Cabin



119 x 32 Barrel Log Cabin



144 x 32 Log Cabin

Log cabin profiles can be supplied Protimised or Naturewood Treated.



PROFILES

SHEETING



(69 x 12) (94 x 12) Beaded



(69 x 12) (94 x 12) Open



(94 x 12) (119 x 12) TGV



94 x 12 Double Beaded



(119 x 12) (144 x 12) Weather Board



94 x 12 MW11



(119 x 19) (144 x 19) T&G Flooring



(94 x 19) (119 x 19) Weather Board



94 X 19 TGV Both Sides



94 x 19 Secret Nailed Flooring



(94 x 19) (119 x 19) TGV

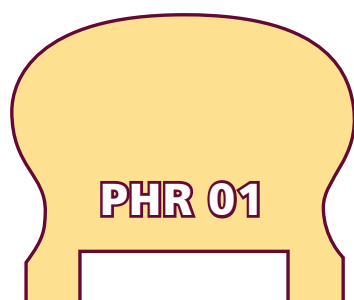
Finished Size	Board Coverage	Metres per square metre
69mm	62mm	16.13ms
94mm	87mm	11.50ms
119mm	112mm	8.93ms
144mm	137mm	7.30ms

If you require a profile not listed please ask at our head office.



HANDRAILS

Our handrails come individually wrapped and complete with infill. They are available in Redwood and selected Hardwoods.



69 x 57 Handrail



44 x 57 Handrail



44 x 44 Handrail



44 x 57



44 x 44 Mop Stick



69 x 40 Handrail



119 x 32 Skittle Hand Rail



66 x 25 Base Rail



94 x 27 Capping



41 x 10 Infill



69 x 32 Base Rail

Standard rebate size 41 x 10mm (other sizes available on request)
These are standard profiles, Non standard profiles are machined to order.



PROFILES

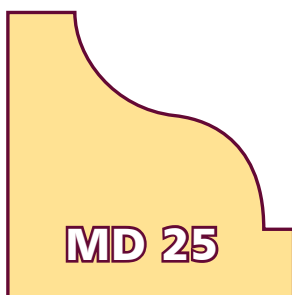
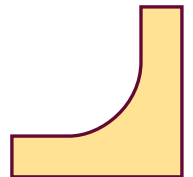
CORNICE



44 x 44 Mld Scotia



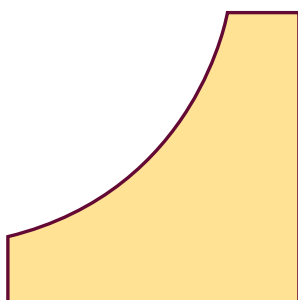
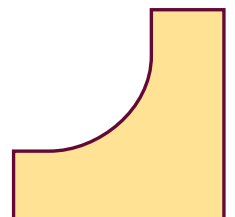
60 x 19 Cornice



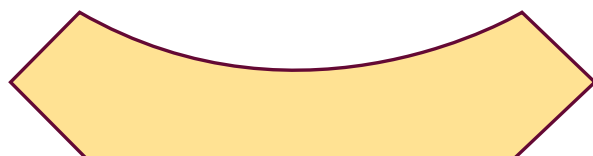
44 x 44 Mld Scotia



69 x 19 Cornice



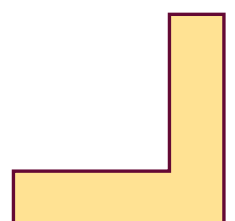
44 x 44 Scotia



69 x 19 Cornice



119 x 19 Cornice



32 x 32 External Angle



DADO



44 x 19 Picture Rail



44 x 19 Dublin Pattern



57 x 19



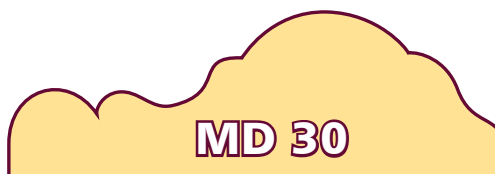
38 x 19



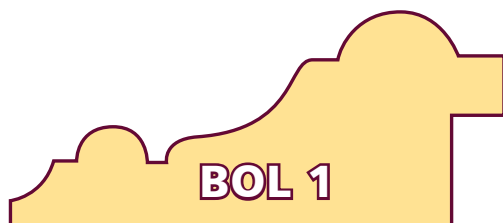
69 x 19



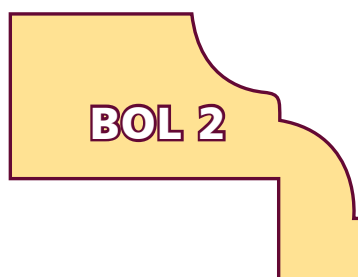
44 x 19



57 x 19



57 x 25 Bolection



44 x 32 Bolection

This is only a section of our current Dado Rail range for the complete range, or to discuss your particular requirements contact our head office.



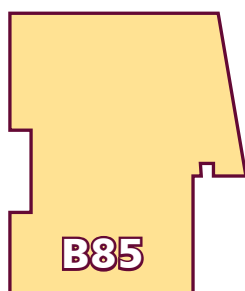
PROFILES

FRAMING

Framing available in Redwood and Sapele as standard.

Different sizes and rebates available on request.

Single Glazed Framing



69 x 57 Single Rebate



69 x 57 Mullion



44 x 44 Sash

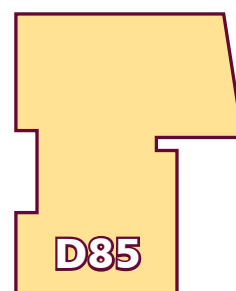


44 x 44 Sash Storm Guard

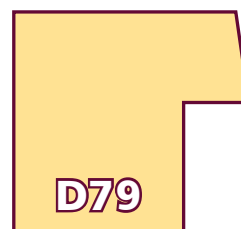
Double Glazed Framing



69 x 63 Mullion



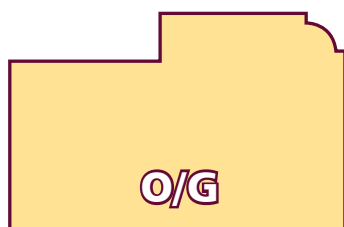
69 x 57 Single Rebate



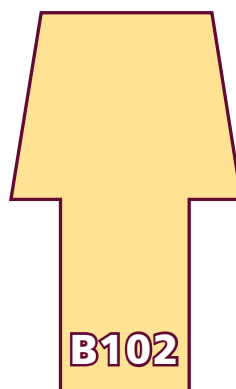
57 x 57 Sash

(Sash profile also available in 44 x 57)

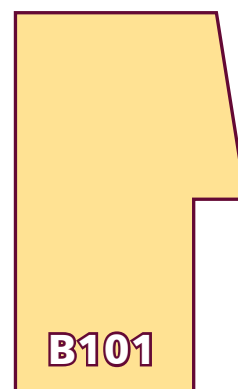
Door Frame Profiles



108 x 69 Door Frame OG Pattern



94 x 57 Mullion

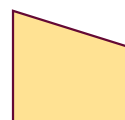


94 x 57 Single Rebate

Glass Slip Profiles



19 x 12



16 x 16



GENERAL

We can supply various bevelled profiles, contact our head office to discuss specific requirements.



Door Saddle
(144 x 19) (144 x 12)



Standard Bevelled
(44 x 19) (69 x 19) (94 x 19) (119 x 19) (144 x 19)



Standard Window Board
(144 x 19) (169 x 19) (194 x 19) (219 x 19)



Heavy Window Board
(144 x 27) (169 x 27) (194 x 27) (219 x 27)



69 x 19 Round 2 Edges



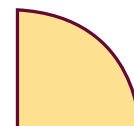
44 x 19 Pencil Round



44 x 12 Ovolo



32 x 19 Hockey Stick



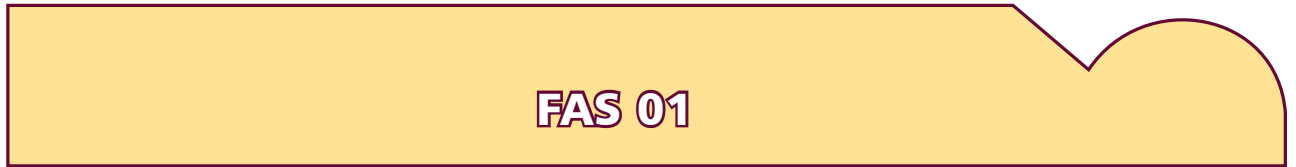
19mm Quadrant

We also supply Redwood laminate stair components in 4.5 metre lengths. The following sizes are available. We supply stair risers, strings and treads –
219 x 19 Risers
265 x 32 Strings
270 x 25 Treads



PROFILES

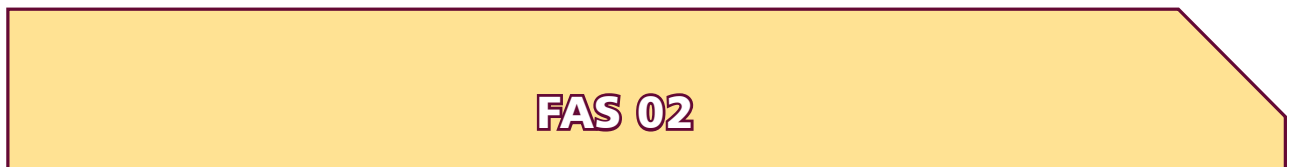
FASCIA



FAS 01

Beaded Pattern

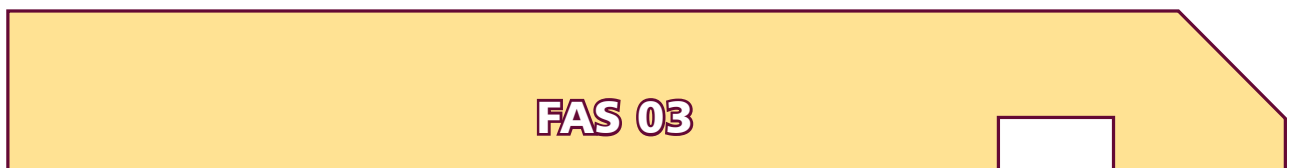
(144 x 19) (169 x 19) (194 x 19) (219 x 19)



FAS 02

Chamfered

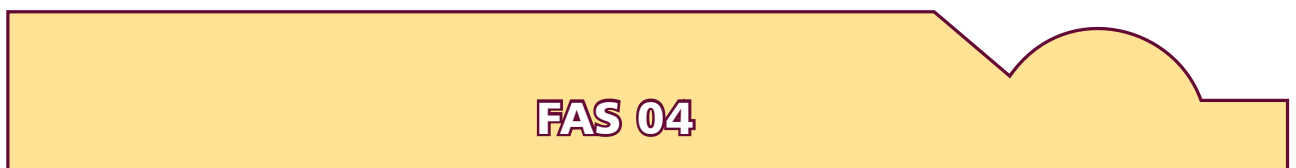
(144 x 19) (169 x 19) (194 x 19) (219 x 19)



FAS 03

Chamfered and Grooved Pattern

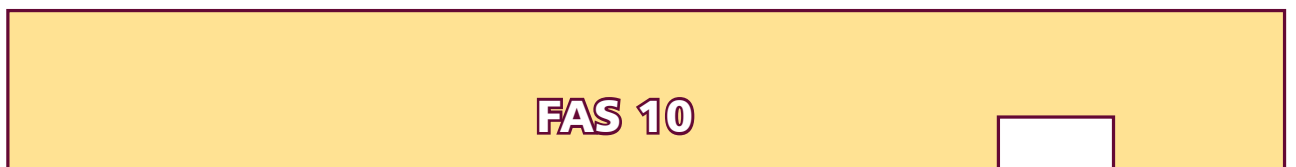
(144 x 19) (169 x 19) (194 x 19) (219 x 19)



FAS 04

Torus Pattern

(144 x 19) (169 x 19) (194 x 19) (219 x 19)



FAS 10

Grooved Pattern

(144 x 19) (169 x 19) (194 x 19) (219 x 19)



REBATED

Rebated door framing is also available in door sets and comes wrapped as standard. We can machine frame sizes to suit specific requirements. The standard rebate size is 44x12 mm. Other rebate sizes available on request. Standard door packs consist of two 2.1m lengths and one 0.9m length.

A cross-sectional diagram of a Fire Frame door profile. It shows a yellow rectangular block with a stepped profile on the right side, featuring three distinct levels of decreasing height.

Fire Frame

(108 x 40) (133 x 40)

A cross-sectional diagram of a Rebated door profile. It shows a yellow rectangular block with a single step on the right side, creating a flat top surface.

Rebated

(108 x 40) (133 x 40)

A cross-sectional diagram of a Rebated door profile. It shows a yellow rectangular block with a single step on the right side, creating a flat top surface.

Rebated

(108 x 32) (133 x 32)

A cross-sectional diagram of a Grooved door profile. It shows a yellow rectangular block with a small rectangular groove on the right side.

Grooved

Standard Groove size 10x4mm

(108 x 32) (133 x 32)

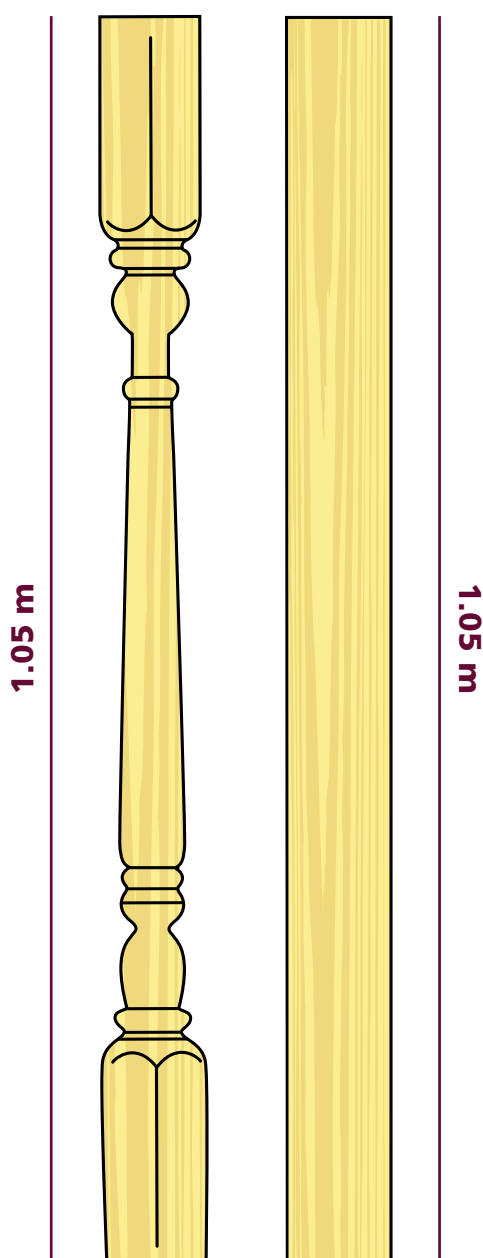
Using a Softwood frame with Oak infill and door stop provides a cost effective substitute to using a solid Oak frame.



STANDARD DECKING

Timber decking is a popular method of enhancing the aesthetic appeal of any home, garden or building. A natural product in harmony with the environment. How you use your decking is limited only by your imagination.

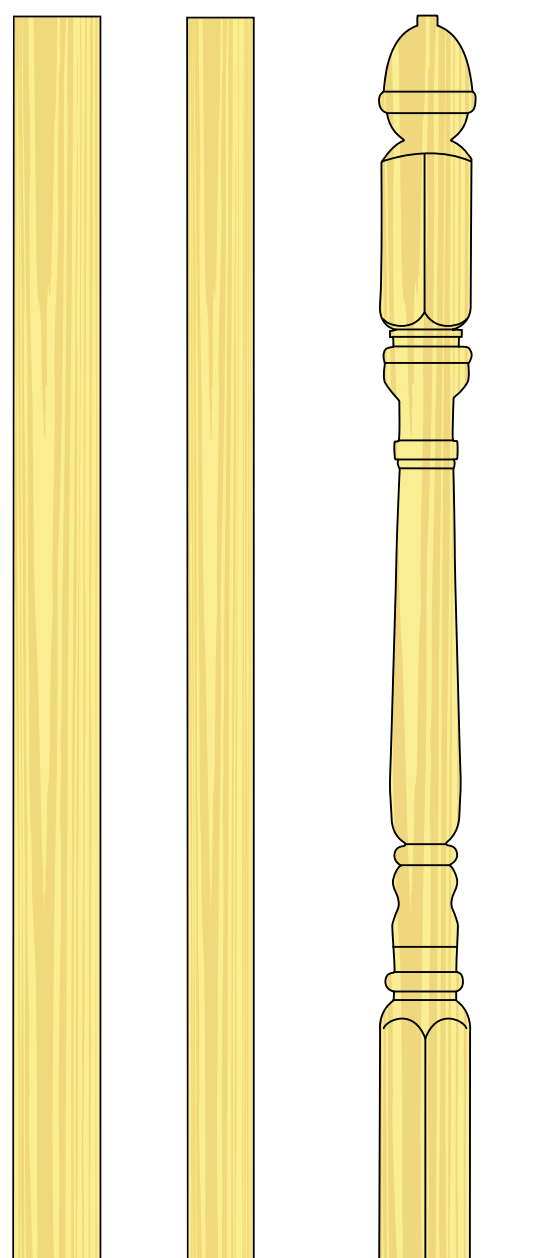
Decking Spindles



**41 x 41mm
Decorative
Spindel**

**41 x 41mm
Eased Edge
Spindel**

Newel Posts



**94 x 94mm Posts
69 x 69mm Posts
Eased Edge
1.8m, 2.4m, 3.0m
Lengths**

**94 x 94mm
Decorative Post
1.5m Lengths**



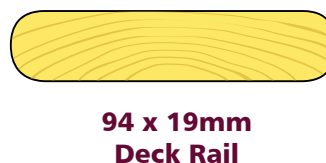
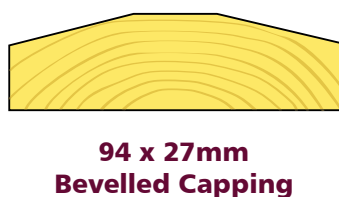
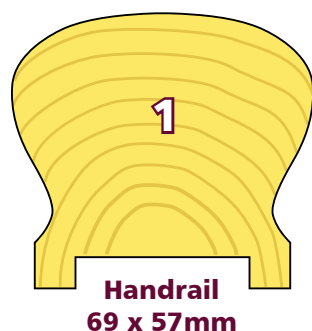
PROFILES



Our decking range has been preserved with Osmose Naturewood. This is an advanced preservative system which is based on a formulation of copper and an organic co-biocide. It has a proven record in North America, Australia and Europe, and is an ideal choice for use in children's play areas, as well as gardens or commercial projects.

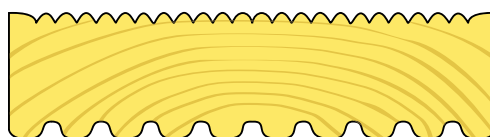
Cut ends should be retreated with a cut end preservative.

Handrail, Base Rail and Capping



Reversible Deckboard

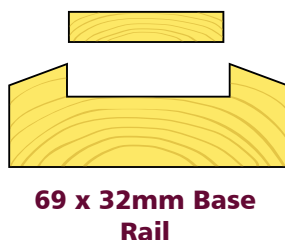
Combed Face



Reeded Face

144 x 32mm
144 x 40mm

41 x 10mm
Infill





R.T.D. Crawford Ltd

MACHINE TIMBER SPECIALISTS

RTD Crawford Ltd have been at the forefront of machined timber production for over 30 years and our aim is to provide a quality and dedicated service to all our customers.

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Further information is available on our website

www.rtdcrawford.com