



HMR-E0

MOULDINGS

DOOR JAMBS AND STAIR STRINGERS



HMR-E0 Mouldings
HMR-E0 Door Jambs
HMR-E0 Stair Stringers

Eco Friendly
helping the environment

E0
Low
Emission



An extensive range of HMR-E0 Mouldings

For a great finish, start with GoldenEdge HMR-E0 (high moisture resistance low emission) Mouldings manufactured in New Zealand from premium quality GoldenEdge Medium Density Fibreboard.

GoldenEdge HMR-E0 Mouldings are designed for interior applications and are available in a wide range of profiles to suit both modern and traditional decors. The convenient 5.4m length enables the fitting of architraves around a door to be completed from a single piece. New pack sizes are lighter and easier to handle.

HMR-E0 Mouldings Range

Profile/Sizes (mm)	Pieces/ Bundle	Profile/Sizes (mm)	Pieces/ Bundle
Bevelled Architrave		Square Dressed	
BA 40 x 12	10	SD 30 x 12	20
BA 60 x 12	10	SD 40 x 12	10
BA 85 x 12	10	SD 60 x 12	10
BA 60 x 18	10	SD 40 x 18	10
BA 85 x 18	5	SD 60 x 18	10
		SD 85 x 18	5
		SD 135 x 18	5
Bullnose Architrave		Colonial Skirting	
BNA 60 x 12	10	CS 135 x 18	5
BNA 85 x 12	10	CS 180 x 18	4
BNA 60 x 18	10	CS 220 x 18	3
BNA 85 x 18	5		
Splayed Architrave		Bevelled Cornice	
SA 60 x 18	10	BC 30 x 18	20
SA 85 x 18	5	BC 40 x 18	16
Australian Splayed Architrave		Colonial Cornice	
ASA 67 x 18	10	CC 45 x 18	10
ASA 92 x 18	5		
ASA 135 x 18	5	Homestead Cornice	
ASA 180 x 18	4	HC 65 x 25	5
Colonial Architrave		HC 75 x 25	5
CA 60 x 18	10	Scotia	
CA 85 x 18	5	SC 28 x 18	16
Replica Architrave			
RA 67 x 18	10		
RA 85 x 18	5		
RA 135 x 18	5		
RA 180 x 18	4		

*Profiles are supplied in 5.4m lengths
EXCEPT Homestead Cornices which
are supplied in 5.1m lengths*

Applications, Installation and Finishing

Applications

GoldenEdge HMR-E0 Mouldings are designed for interior use and are not recommended for use in situations where they will be exposed to water or prolonged high humidity. Do not use in shower cabinets or saunas. They should not be used for exterior applications.

In situations where they will be exposed to heat from fireplaces or solid fuel heaters, GoldenEdge HMR-E0 Mouldings should be installed with the same clearances used for solid timber.

GoldenEdge HMR-E0 Mouldings are resistant to fungal attack provided their moisture content does not exceed 20% for extended periods. They are also resistant to attack by common household wood borer.

Conditioning

All HMR-E0 Mouldings and other wood based products including timber will shrink when the moisture content falls as a result of drying conditions.

Prior to fixing, GoldenEdge HMR-E0 Mouldings should be protected from moisture, excessive heat and direct sunlight. It is recommended that the GoldenEdge HMR-E0 Mouldings are removed from the protective plastic wrapping and conditioned at the site of installation for a period of at least 48 hours.

Nailing

When fixing GoldenEdge HMR-E0 Mouldings by nailing, 40mm or 50mm finishing brads are recommended and should penetrate a minimum of 25mm into the framing timber. Should it be necessary to nail through the side rather than the face of the moulding, this should be done at least 25mm from the end of the moulding.

Screwing

A pilot hole equal to the diameter of the screw should be drilled through the moulding before screwing. When screwing through the edge of mouldings this should be done at least 25mm from the end of the moulding.

Stapling

Excessive penetration of the staples should be avoided and staple length selected to give a penetration into the framing timber equal to the thickness of the moulding being fixed.

Adhesives

GoldenEdge HMR-E0 Mouldings are suitable for fixing using building adhesives. Contact, stud and wallboard adhesives manufactured by leading adhesive manufacturers should be used in accordance with their instructions.

Stopping

Stop all nail and staple holes with a proprietary plastic wood putty. Match and blend colours as required to suit. Lightly sand with 320 grit paper.

Painting

For best results application of three coats is recommended. First coat Primer/undercoat is critical to the final finish. It is recommended that primer/undercoat is applied to paint manufacturer's recommendations.

Apply second and third coats or additional coats as required. A light sand using 280 to 320 grit paper is recommended after the first coat and between subsequent coats.

Clear Finishing

Apply first coat of clear finish according to the paint manufacturer's recommendations, taking specific note of drying and recoating times.

Apply second and third clear coats according to manufacturer's recommendations. A light sand using 320 grit paper is recommended after the first coat and between subsequent coats.

Renewable Resource



GoldenEdge Medium Density Fibreboard is produced from high quality plantation grown Radiata Pine fibre - a renewable resource which helps to preserve our natural environment and has the environmental performance certification of Environmental Choice New Zealand.



HMR-E0 Mouldings Profile Range

Bevelled Architrave



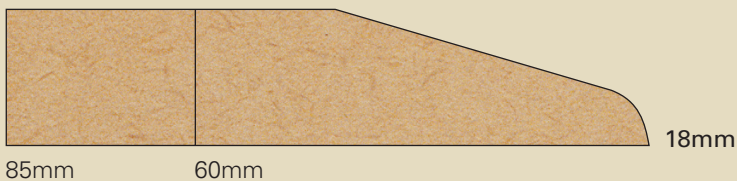
Bullnose Architrave



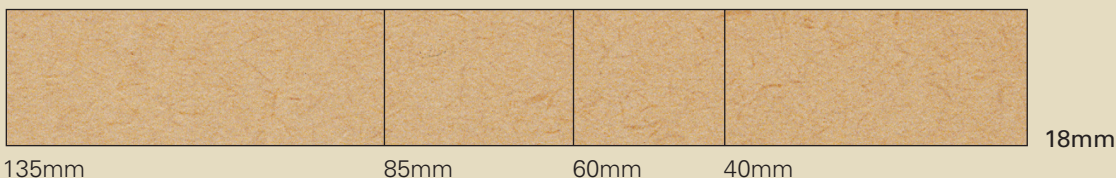
Australian Splayed Architrave



Splayed Architrave



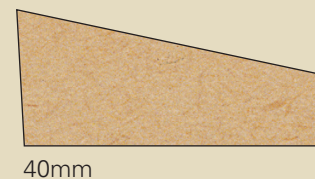
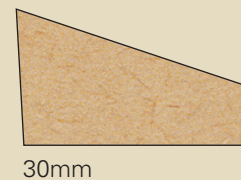
Square Dressed



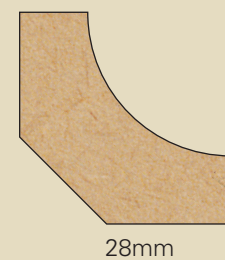
HMR-E0

E0 rating means
maximum formaldehyde
emission is 0.5mg/l*

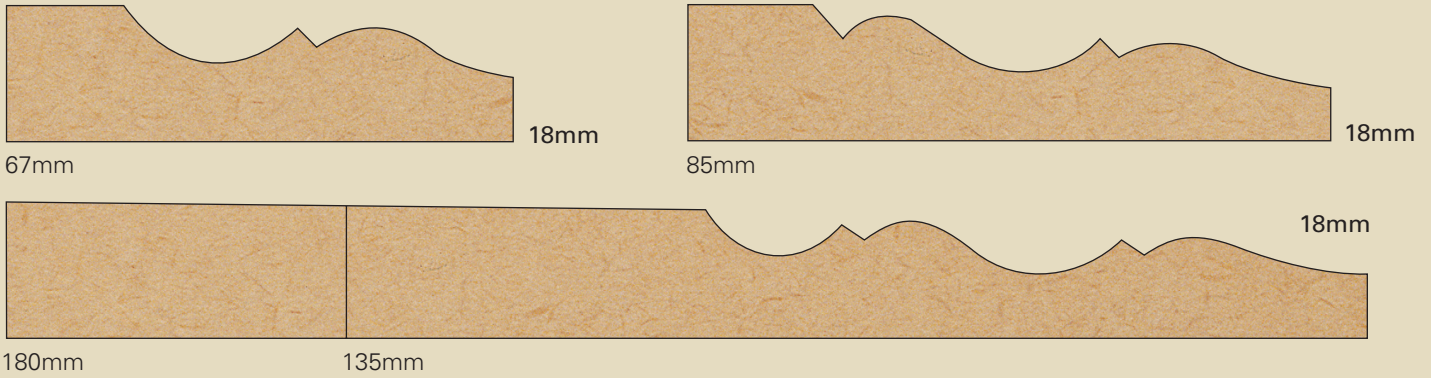
Bevelled Cornice



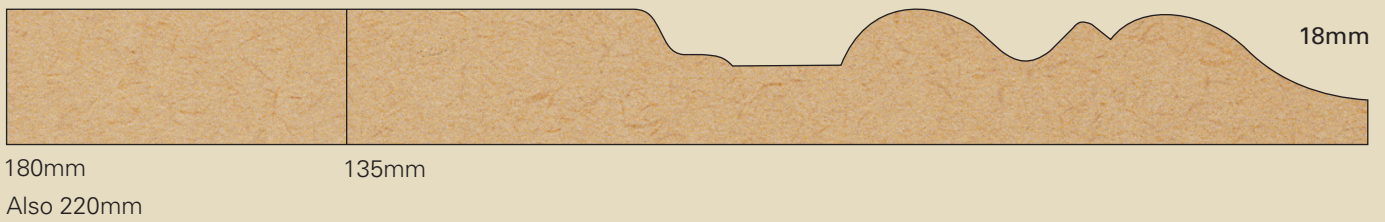
Scotia



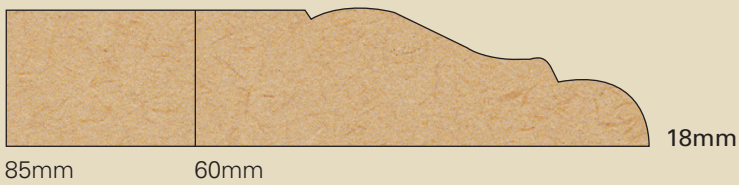
Replica Architrave



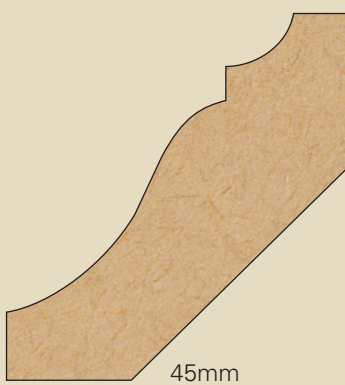
Colonial Skirting



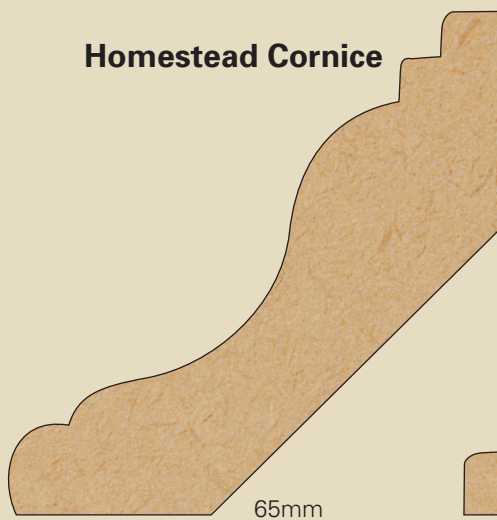
Colonial Architrave



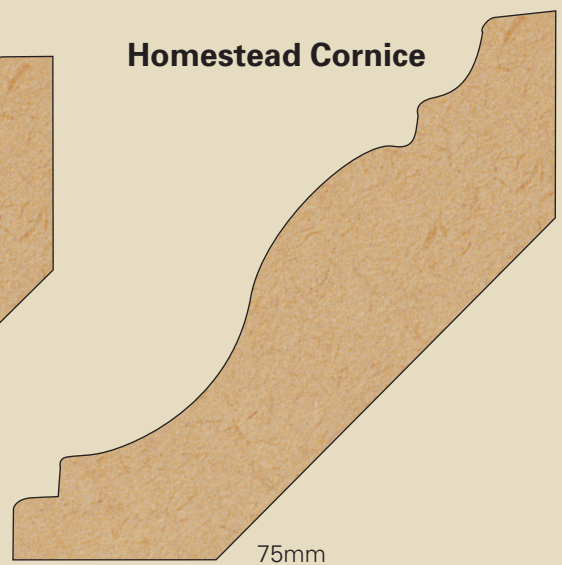
Colonial Cornice



Homestead Cornice



Homestead Cornice



HMR-E0 Door Jambs

GoldenEdge HMR-E0 Grooved Door Jambs are 25mm or 28mm thick and are manufactured with the consistency and quality you expect from GoldenEdge MDF. GoldenEdge HMR-E0 Door Jambs are supplied in 2.1m or 5.1m lengths. (The 5.1m length will complete a door frame).

Description

GoldenEdge HMR-E0 Door Jambs have similar physical characteristics to GoldenEdge Medium Density Fibreboard in sheet form. Resistant to warping and splitting, GoldenEdge HMR-E0 Door Jambs are more consistent in quality and easier to install than conventional timber jambs.

Physical Properties 25mm & 28mm

Property	Unit	Mean	Minimum
Density	kg/m ³	670	*635
Internal Bond	kPa	900	*700
Moisture Content	%		
Modulus of Rupture	MPa	43	*30
Modulus of Elasticity	MPa	3000	*2500
24 hour Thickness Swell	%	3.5	†5.0

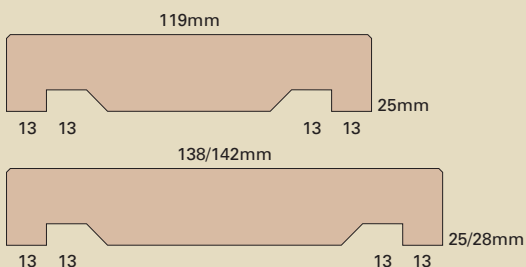
* The individual Moulding results will not be less than the value shown.

† The individual Moulding results will not exceed the value shown.

Sizes

Thickness (mm)	Width (mm)		Length (m)		Pack Quantity
	Standard Stud Code	Width	Dry Frame Stud Code	Width	
25	SJ	119	SJ	119	2.1 50
25	SJ	119	SJ	119	5.1 45
25	SJ	142	DFJ	138	5.1 25
28	SJ	142	DFJ	138	5.1 25

Other door jamb profiles are available.



HMR-E0 Stair Stringers

28mm GoldenEdge HMR-E0 regular density in standard widths of 250mm and 300mm. Available in 5.1m lengths. Orders accepted in multiples of 12 lengths.



Fixing and Finishing

Fixing To Framing

GoldenEdge HMR-E0 Grooved Door Jambs can be fixed through faces or edges with screws or nails.

NOTE: Ensure that the timber framing does not have a moisture content of 20% or more before fitting HMR-E0 Door Jambs.

Screwing

The best results are achieved with parallel thread screws such as the Twinfast or particle board screws. Conventional wood screws should not be used. Screws inserted into the edges should not be less than 25mm from the corners. It is important not to overtighten screws as this will reduce the holding strength.

Pilot Hole

A pilot hole is recommended to avoid splitting during edge screw fixing. Pilot holes should be drilled approximately 2-3mm beyond the expected insertion depth.

Screw Gauge	Pilot Hole
4	1.5mm
5	1.8mm
6	2.0mm
7	2.2mm
8	2.5mm
9	2.8mm

Stapling and Nailing

Staples and nails can be used effectively for joint fitting. For best results it is helpful to add adhesive to the joint prior to assembly. When stapling it is important to have good control of air pressure to avoid excessive penetration of staples. For nailing use either annular, grooved or helical nails of 13 or 14 gauge, for best results.

Adhesives

Where staples or nails are being used, best results are achieved applying water resistant adhesive to the joint prior to assembly.

Sanding and Finishing

If edge sanding is required, use 120 grit paper followed by 240 or 320 grit paper for best results.

Painting

Prior to priming, stop all nail holes with solvent based wood dough and lightly sand.

Brush, roller and spray application techniques may be used in accordance with paint manufacturers' specifications.

GoldenEdge Medium Density Fibreboard is manufactured in New Zealand by Nelson Pine Industries Ltd to the highest standards of quality and consistency.

Utilising advanced manufacturing techniques, Nelson Pine's Richmond plant incorporates continuous press technology with advanced computerised production control.

This combined with the high quality plantation grown Radiata Pine fibre used in the manufacture of GoldenEdge MDF gives you a board with a consistency and range of sheet and thickness sizes that is unmatched in New Zealand.

GoldenEdge HMR-E0 Mouldings, HMR-E0 Door Jambs and HMR-E0 Stair Stringers are all manufactured from premium quality GoldenEdge high moisture resistant low emission (HMR-E0) Medium Density Fibreboard.

Product Warranty

GoldenEdge MDF carries a 12 month warranty against faulty materials or workmanship by the manufacturer to the extent of replacement of the product but not including any indirect or consequential loss subject to the provisions of the Consumer Guarantees Act 1993.

This warranty applies only where the product has been used in accordance with the recommendations. Any defect must be advised to the manufacturer within 21 days of determination or from the day such defect should have become known.

Nelson Pine Industries Ltd reserves the right to change specifications contained in this publication without notice.

Product Performance

GoldenEdge MDF should not be used in exterior applications, should not be exposed to water or high humidity situations (saunas, shower cabinets) and should be kept clear of nearby heat sources such as solid fuel heaters and free standing fireplaces. GoldenEdge is manufactured specifically for applications such as high quality furniture and joinery, using urea formaldehyde resin manufactured expressly for Nelson Pine Industries Ltd.

Formaldehyde concentrations in areas without proper ventilation are significantly reduced by sealing all exposed surfaces and edges with two coats of paint or polyurethane. GoldenEdge MDF used for Mouldings, Grooved Door Jambs and Stair Stringers is manufactured using high moisture resistant low emission MDF.

Durability

GoldenEdge HMR-E0 Mouldings, Door Jambs and Stair Stringers will be durable for 50 years when used in dry interior environments (i.e. not saunas, spa rooms or shower rooms). When used in wet rooms (e.g. laundries and bathrooms) the provisions of NZBC E3 must be complied with and an impervious coating applied to GoldenEdge. The bottom of GoldenEdge floor level trim will swell and eventually deteriorate if exposed to persistent or cyclic wetting.

WARNING

This is a reconstituted wood made from wood, resin and wax. This must be handled in accordance with safe work practices.

Exposure to wood dust and/or formaldehyde may cause irritation to the eyes, respiratory system and skin, and may cause sensitisation by inhalation resulting in asthma, and by skin contact resulting in dermatitis.

Wood dust is classified as a known carcinogen. Repeated inhalation of wood dust over many years may cause nasal cancer. Formaldehyde is classified as a probable carcinogen.

Storage

Storage areas containing large quantities of this product must be adequately ventilated.

Safe Work Practice

Work areas must be well ventilated and kept clean. Sawing, sanding and machining equipment must be fitted with dust extractors to ensure that dust levels are kept within standards laid down by Worksafe Australia, Occupational Safety and Health New Zealand, or the specific country of use. If not, a dust mask conforming with AS/NZS 1715 and AS/NZS 1716 and eye protection conforming with AS/NZS 1337 must be worn.

Offcuts, shavings and dust must be disposed of in a manner which avoids the generation of dust and in accordance with the requirements of local waste disposal authorities.

In end use applications all product surfaces exposed to occupied space must be sealed.

Further Information

Refer to the Material Safety Data Sheet for this product available from Nelson Pine Industries Ltd, their Distributors and Resellers.

HMR-E0 Mouldings, Door Jambs, Stair Stringers



Nelson Pine Industries Ltd

Lower Queen Street
Richmond, Nelson, New Zealand
PO Box 3049, Richmond, Nelson 7050

Telephone 03-543 8800, Fax 03-543 8890, Freephone 0800-800 438, Freefax 0508 674 329
Email orders@nelsonpine.co.nz Website www.nelsonpine.co.nz