

Technical Advisory Service

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

Nelson Pine Industries Ltd will assist you in all aspects of technical advice. You are invited to call the Technical Manager MDF 0800 800 438 Toll Free for technical information relating to fixing, techniques, design performance, fire resistance and questions relating to specific performance criteria.

Product Performance

GoldenEdge MDF Panels 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.

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 Panels are resistant to fungal decay provided that the board does not exceed 20% moisture content for extended periods. They are also resistant to attack by common household wood borer. There are no additives such as insecticides or fungicides.

As with all wood and wood products, it is possible that GoldenEdge panels may contract or expand with moisture content. Provision for linear expansion in the panels should be made in any design utilising MDF.

Durability

GoldenEdge will be durable for 15 years when used for non-bracing and non-structural interior applications in houses as follows:

Used for the construction of fixtures such as benches or basin supports where:

- the top surface is covered with a tough impermeable covering such as melamine laminate, stainless steel or a polyester vanity unit
- the sides and edges of the GoldenEdge are coated with a sealer and exposed faces and edges with two top coats of impervious coating
- damage to coatings is repaired

Other uses (eg. Shelving, skirting trim, furniture, door jambs, stair treads and non-bracing linings)

GoldenEdge will be durable for 50 years when used in dry interior environments (ie. not saunas, spa rooms or shower rooms). When used in wet rooms (eg. laundries and bathrooms) the provisions of NZBC E3 must be complied with and an impervious coating applied to GoldenEdge. The bottom of GoldenEdge linings and floor level trim will swell and eventually deteriorate if exposed to persistent or cyclic wetting.

Product Warranty

GoldenEdge 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.

WARNING

This warranty applies only when 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 defects should have become known.

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

This is a reconstituted wood panel 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.



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