



Re Ironbark Green of saw staircase



**NASH**  
TIMBERS



Recycled staircase

## EXTERNAL STAIRCASE MATERIAL

### *Staircase Timber.*

**COLOUR-** Jarrah, .

**WIDTH TREADS-** 240mm to 280mm

**HEIGHT TREADS –** 19mm to 42mm

**TREAD LENGTHS–** 0.900mm to 4.200mmt

**HANDRAIL-** 42mm diameter

**EXTERNAL STAIR –** Tallowwood, Spotted Gum, Ironbark, F17 Hardwood, Recycled Power Poles



F17 Hardwood External open staircase

Traditionally, timber used for external stair construction is unseasoned. Specific locations and species will determine the amount of shrinkage that occurs within the timber. Generally about 6% shrinkage (6mm per 100mm) should be expected for unseasoned open forest hardwoods. As part of the design process, allowance should be made for shrinkage in unseasoned stringers, treads and any associated newel posts, landing bearers and joists, as well as the gaps that will develop between joints.

External stair timbers exposed to the weather will usually reach Equilibrium Moisture Content (EMC) with their surroundings after a period of 9 - 18 months. For coastal Australia, stairs that are well ventilated should reach an EMC of approximately 16%, for stairs close to or above water a little higher (18-21%) and for dry inland areas considerably lower (10-12%).

If seasoned timber is used for external stairs in coastal areas, consideration must be given to the expansion of the timber as the EMC rises from 12% up to

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