Brookridge

Natural Durability of Timber Species

Heartwood only

This list is not exhaustive but provides details on some of the more popular species used in the UK.

Durability Class	Softwoods	Hardwoods
Very Durable	None	Afromosia, Greenheart, Opepe, Iroko, Teak
Durable	Canadian Western, Red Cedar	Ekki, Sweet Chestnut, American White Oak, European Oak, American Mahogany
Moderately Durable	UK Western Red Cedar, Douglas Fir, Siberian Larch, European Larch	Malaysian Keruing, African Mahogany
Slightly Durable	Scots Pine, Corsican Pine Parana Pine, Radiata Pine, Silver Fir, European Redwood, American Hem Fir, Canadian Hem Fir, European Spruce, Canadian Spruce Pine Fir	English Elm, American Red Oak
Not Durable	None	Alder, Silver Birch, European Horse, Chestnut, Sycamore

Treatment User Class Required in End Use Situation

User Class	End Use Situation	Biological Threat
User Class 1	Internal with no risk of wetting	Insects
User Class 2	Internal with risk of wetting	Fungi/Insects
User Class 3	External above the damp proof course	Fungi
User Class 4	In permanent ground contact	Fungi
User Class 5	In permanent contact with water	Marine Borers/Fungi

This is only a guide to the various considerations all specifiers must make when specifying timber in a particular end use and a more detailed look at the various standards is recommended.

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