

specification chart for TANALITH® E treated timber

COMPONENT GROUP	HAZARD CLASS	COMPONENT DETAILS	TREATMENT CODE	DESIRED SERVICE LIFE
Internal building timbers	1	Roof timbers (dry): Pitched roofs, rafters, purlins, joists, sarking, wall plates.	TE/BI	60 years
	1 or 2	Roof timbers (Hylotrupes areas): Where there is a risk of House Longhorn Beetle (Hylotrupes bajalus L) according to the building regulations 1991 [5] (applicable to England and Wales), the Building Standards Scotland 1990 [6] and the Building Regulations (Northern Ireland) 1994 [7]: rafters, purlins, joists, sarking, wall plates.		
	2	Roof timbers (risk of wetting): Where components are exposed to risk of wetting due to, for example, condensation; rafters, purlins, joists, sarking, wall plates, flat roofs (cold), enclosed beams, valley gutters, flat roofs (warm inverted), exposed beams.		
	2	External walls/ground floor joists: Timber frames, external walls.		
	2	Tiling battens.	TE/TB	60 years
External building timbers above dpc level	3	Cladding, soffit, fascias and barge boards.	TE/BX*	15 years
	3	Cladding, soffit, fascias, barge boards subsequently protected with a maintained and appropriate surface coating.	TE/BX*	30 years
	3	Cedar shingles.	TE/CS	30 years
Plywood	2	Exterior grade WPB (weather and boil proof) only	TE/EPa	60 years
	3	Exterior grade WPB (weather and boil proof) only	TE/EPb	15 years
Fencing and landscaping timbers above ground contact	3	Rails, struts, gates, boards, slats, droppers, post caps, dowels, garden decking boards, farm building, pergola, gazebo and playground equipment components exposed above ground.	TE/GFa*	15 years
Fencing, landscaping and farm buildings in ground contact or fresh water contact	4	Posts – square sawn or cleft, sawn and dressed, machine turned, natural rounds, half rounds, bearers, gravel boards. Farm buildings: timbers embedded in ground or prone to frequent wetting.	TE/GFb* (softwood only)	15 years
			TE/HW* (hardwood only)	15 years
Highway fencing above ground	3	To meet Highways Agency Specification Clause 311 (November 2002)	TE/MF	30 years
Heavy duty industrial	4	Highway fencing in ground contact: To meet Highways Agency Specification Clause 311 (November 2002)	TE/HD (softwood only)	30 years
		Transmission poles		
		Railway sleepers		
Packaging timbers in cargoes to Australia	3†	To comply with Australian Quarantine Regulations	TE/AQ Permeable softwood only#	not applicable

† Classification in accordance with Australian Standards AS1604

* Specify 'with TANALITH® Extra™' for water repellent timber if desired.

Specify 'with TANATONE® colour additive' for brown coloured timber if desired.

All specifications refer to treatment of both softwoods and hardwoods unless otherwise indicated.

Includes most common pines eg. Scots Pine (Redwood) and Corsican Pine but not including Maritime Pine.

SPECIFICATIONS AND STANDARDS

TANALITH® E conforms to the efficacy requirement of BS EN 599-1/BS 8417, and is treated in accordance with the penetration and retention guidance given in BS EN 351-1 to give a desired service life in the selected hazard class.

Hazard classes are defined in BS EN 335-1.

TANALITH® E meets NBS (Z12), NHBC, Zurich and BWPDA National Specifications, or at least the versions currently undergoing revision to bring them up to date.

DESIRED SERVICE LIFE

The desired service life does not provide a guarantee of performance but merely an indication of the expectation against which the recommendations for timber treatment are drawn up, assuming good design and normal conditions of use.

Arch Timber Protection updates its literature as and when necessary. Please ensure you have an up to date copy.

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