

Wood Preservatives and Retentions Approved under the WPA Benchmark QAS

PRESERVATIVE NAME	WPA Benchmark Approved Retention ¹ kg/m ³	
	BS8417 Use Class 4 (Permanent ground contact)	
	Service life 15 yrs ²	Service life 30 yrs ²
Impra ACQ 2200D	21.5	32.3
Tanalith E 8000 ³	17.5	26.3
Wolmanit CX-8	17.0	25.5
Wolmanit CX-10	13.6	20.4
The following product has been assessed by the independent panel and will be included in the list of WPA approved products when HSE approval is granted		
Calcure C4	14.7	22.1

Table 1 Notes

1. The approved retention is the minimum amount of preservative to be found, after treatment with the relevant preservative, in the analytical zone of softwood species (in accordance with relevant use class/service life specifications in the WPA Manual - *Industrial Wood Preservation* and BS 8417).
The approved retentions are minimum figures and no variation below the figures given is permitted when treatment to the approved level has been specified.
2. 'Service life' has the same meaning as 'Desired service life' in the WPA Manual *Industrial Wood Preservation* and BS 8417.
3. Evidence of effectiveness in hardwood species has been presented and accepted. The approved retentions therefore also confer protection to treated hardwood species in the relevant use class and service life combination (unless a different hardwood retention is indicated).

About this Approval Scheme

Approval relates only to protection against the relevant biological agencies and does not consider physical, chemical or environmental properties of the preservative. Approval is valid in the UK. The approval holder is responsible for informing WPA if the formulation of the preservative is changed. An independent panel will then consider according to EN 599-1, Annex A, if the changes will require a re-testing of the preservative. The WPA may withdraw an approval immediately, after consulting the approval holder, if the preservative's biological efficacy fails in practical use. The approval holder is responsible for informing the WPA if information on the efficacy of an approved product that might affect the conclusions of the independent panel comes into its possession and the approval will be independently reviewed.

Approved retentions are derived from data provided by an applicant (a WPA manufacturer member) on that applicant's responsibility. Each applicant remains responsible for the performance of its product both in laboratory and field trials and in wood treated with the product. Neither the WPA nor any agent thereof have or accept liability for the efficacy of approved product(s) or the performance of wood treated with those products. Sole responsibility for fitness for purpose of a treated commodity rests with the business that places that commodity on the market.

This Approval scheme is part of the WPA Benchmark™ QAS for wood treated by an impregnation process. The WPA reserves the right to amend, update or otherwise change any aspect of the WPA Benchmark™ scheme to reflect technical progress or for any other reason.