

SABS Standards Division

Amendment No. 5

to

SANS 1288:2013 ed. 3.4

PRESERVATIVE TREATED TIMBER

Scope of amendment

Amended to allow for the envelope treatment of refractory sawn softwood timber, e.g. spruce with class O preservatives and sawn eucalyptus timber with class W preservatives, for H2 purposes only, and to amend the note to the definition of refusal treatment.

3.13 refusal treatment

Amend the note to the definition to read as follows:

NOTE Treatment to refusal **does not constitute** an acceptable alternative to the minimum penetration or retention requirements (or both), unless specifically listed for a specific commodity or species (or both), and hazard class.

Table 1

In column 1 of hazard class H2 include a new footnote ^h as given below and renumber the previous footnote ^h in hazard classes H0-i and H0-it to ⁱ.

Table 1 — Requirements of preservative-treated sawn softwood products with a service life of at least 20 years

1	2	3	4	5	6	7	8
Hazard class	Exposure class	Timber application	End use	Type of preservative	Average net retention (assay zone) ^a mass fraction	Minimum average net retention kg/m ³	Minimum penetration of preservative mm
H2 ^h	Internal	Timber used under a roof, not in contact with the ground and not exposed to leaching and weathering	Laminated beams Roof trusses ^j Structural timber Ceiling boards Flooring Panelling Doors Cupboards Skirting Window frames Plywood	CCA or Creosote or CuAz ^e or ACQ ^e or TBTN/P or ZP or Borate (boric acid equivalent)	- - 0,23 0,35 - - -	6 or 80 or 1,9 or 2,8 or 1,3 or 0,40 or 5	Complete Sapwood ^d

^h The envelope treatment to refusal of refractory softwood species e.g. spruce (*picea spp*) with TBTN-P and ZP preservatives, without reaching the required average net retention as specified in column 7, will be allowed for hazard class H2 purposes only provided that the initial vacuum, applied after the cylinder has been flooded with preservative to 90% capacity, is maintained at a maximum vacuum for at least 30 minutes, followed by a holding period at atmospheric pressure of at least 15 minutes and a final vacuum of at least 5 minutes..

Table 2

In column 1 of hazard class H2, add a new footnote ⁱ as given below and renumber the previous footnote ⁱ in column 5 of hazard class 2 to ⁱ.

Amdt 5

Table 2 — Requirements of preservative-treated sawn hardwood products with a service life of at least 20 years

1	2	3	4	5	6	7	8
Hazard class	Exposure class	Timber application	End use	Type of preservative	Average net retention (assay zone) ^a mass fraction	Minimum average net retention kg/m ³	Minimum penetration of preservative mm
H2 ⁱ	Internal	Timber used under a roof, not in contact with the ground and not exposed to leaching and weathering	Laminated beams Roof trusses Structural timber Ceiling boards Flooring Panelling Doors Cupboards Skirting Window frames Plywood	CCA or Creosote Or CuAz ⁱ or ACQ ^j or TBTN/P or ZP or Borate (boric acid equivalent)	- - 0,23 0,35- - - -	6 or 80 or 1,9 or 2,8 or 1,3 or 0,40 or 5	Complete Sapwood

ⁱ The treatment of sawn eucalyptus timber to refusal for hazard class H2 with class W preservatives, without having reached the required average net retention as given in column 7, will be allowed provided that the solution strength is at least 20 g/L for CCA, 22 g/L for CuAz, 28 g/L for ACQ and 15 g/L for borate, that the moisture content complies with the recommended moisture content as specified in 4.3.1, that the initial vacuum period is at least 15 min, and that a minimum working pressure of 800 kPa is maintained for at least 30 minutes, followed by a final vacuum of at least 5 minutes.

.....
Table 2 - Technical correction

The footnote ⁱ currently indicated in column 1 of hazard classes H0-i and H0-it should be renumbered as ^h and the footnote ^h as given in table 1 (see below) shall be added to table 2.

^h The end uses for this hazard class, unlike the other hazard classes, are restricted to those given in column 4 only. Only products included in column 4 shall be allowed to be treated.

.....