

# TIMBER TREATMENT SPECIFICATION GUIDE

When specifying timber, consideration should be given to the species (natural durability) and the Use Class, i.e. where it is going to be used. The natural durability of timber may be improved by preservative treatment to achieve the required Use Class (conferred durability).



A	Domestic pitched roofs all structural timber	1	3	3
B	Condensation risk pitched roofs all structural timber	2	3	3
C	Tiling / slating battens	2	3	3
D	Flat roof timbers	2	3	3
E	Barge boards, fascia boards	3a	3	
F	External frame - inner leaf - except sole plates	2	3	3
G*	Frame sheathing - plywoods	2	3	3

H	External cladding	3	3	3
I	Battens for fixing external cladding	2	3	3
J	First floor joists	1	3	3
K	External joinery	3a	3	
L	Surrounds for non-wood windows	3a	3	
M	External doors	3a	3	
N	External door frames	3a	3	

O	Ground floor joists	2	3	3
P	Sole plates above DPC	3**	3	3
Q	Sole plates below DPC	4		3
R	Decking	3b		3
S	Fence posts	4		3
T	Swimming pool surrounds (external)	4		3
U	Timber garden products	3 / 4		3

G\* Certain grades of plywood can be preserved with celcure | \*\* Please contact the Koppers Technical Services

## USE CLASS TABLE

Use Class	Use
UC1	Interior covered, dry, insect risk, e.g. pitched roof timber except tiling battens and valley gutter members.
UC2	Interior or covered, occasionally wet, fungi and insect risk, e.g. tiling battens, frame timbers in timber frame housing.
UC3a	Coated exterior, above ground, occasionally wet, fungi risk, e.g. external joinery including roof soffits and fascias and cladding.
UC3b	Uncoated exterior, above ground, occasionally wet, fungi risk, e.g. cladding, decking and fence rails.
UC4	Exterior, in contact with ground or fresh water, permanently exposed to wetting (below dpc), fungi risk, e.g. fence posts and gravel boards.



## ENDCOAT

If timber is cut always use an endcoat wood preservative to retreat the ends.

More comprehensive information is available from our Technical Services Department or our website [www.kopperspc.eu](http://www.kopperspc.eu) about Use Classes, timber species and service life.

The above is intended as a quick guide only. Please check for specialist applications. Always check for your particular end use if in any doubt.

