EUROPEAN
COMMISSION

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ANNEX 1

ANNEX

to the

COMMISSION DELEGATED REGULATION

on the conditions for classification, without testing, of cross laminated timber products covered by the harmonised standard EN 16351 and laminated veneer lumber products covered by the harmonised standard EN 14374 with regard to their fire protection ability

ANNEX

TABLE 1
CLASSES OF FIRE PROTECTION ABILITY PERFORMANCE FOR CROSS LAMINATED TIMBER PRODUCTS

Product[1]	**Product detail**[2]	**Minimum mean density**[3] **(kg/m^3)**	**Minimum thickness (mm)**	**K Class**[4]
Cross laminated timber products covered by the harmonised standard EN 16351	without tongue and groove[5]	450	54	$K_2$10[6]
Cross laminated timber products covered by the harmonised standard EN 16351	with tongue and groove[7]	450	54	$K_2$60

1 Mounted directly on the substrate (particle board of density ≥ 680 kg/m³ in accordance with standard EN 14135) without an air gap.

2 Joints with square edges or tongue and groove profile and with the same thickness as the wood product and without gaps.

3 Conditioned in accordance with standard EN 13238.

4 Class as set out in Decision 2000/367/EC.

5 Screw length minimum 75 mm and spacing maximum 200 mm.

6 $K_1$10 for substrates of density ≥ 300 kg/m³.

7 Screw length minimum 75 mm and spacing maximum 200 mm.

TABLE 2
CLASSES OF FIRE PROTECTION ABILITY PERFORMANCE FOR LAMINATED VENEER LUMBER PRODUCTS

Product[8]	**Product detail**[9]	**Minimum mean density**[10] **(kg/m^3)**	**Minimum thickness (mm)**	**K Class**[11]
Laminated veneer lumber products covered by the harmonised standard EN 14374	with tongue and groove and a minimum layer thickness of 3 mm[12] or without tongue and groove and with a minimum layer thickness of 3 mm[13]	450	15	$K_2$10[14]
Laminated veneer lumber products covered by the harmonised standard EN 14374	with tongue and groove and a minimum layer thickness of 3 mm[15]	450	26	$K_2$30
Laminated veneer lumber products covered by the harmonised standard EN 14374	with tongue and groove and a minimum layer thickness of 3 mm[16]	450	52	$K_2$60

8 Mounted directly on the substrate (particle board of density ≥ 680 kg/m³ in accordance with standard EN 14135) without an air gap.

9 Joints with square edges or tongue and groove profile and with the same thickness as the wood product and without gaps.

10 Conditioned in accordance with standard EN 13238.

11 Class as set out in Decision 2000/367/EC.

12 Screw length minimum 30 mm and spacing maximum 200 mm.

13 Screw length minimum 30 mm and spacing maximum 200 mm.

14 $K_1$10 for substrates of density ≥ 300 kg/m³.

15 Screw length minimum 50 mm and spacing maximum 200 mm.

16 Screw length minimum 75 mm and spacing maximum 200 mm.