



EUROPEAN
COMMISSION

Brussels, **XXX**
[...](2017) **XXX** draft

ANNEX 1

ANNEX

to the

to the COMMISSION DELEGATED REGULATION (EU) .../...

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 reaction to fire

ANNEX

TABLE 1
CLASSES OF REACTION TO FIRE PERFORMANCE FOR CROSS LAMINATED
TIMBER PRODUCTS
AND LAMINATED VENEER LUMBER PRODUCTS
FOR WALLS AND CEILINGS

Product¹	Product detail	Minimum mean density² (kg/m³)	Minimum overall thickness (mm)	Class³
Cross laminated timber products covered by the harmonised standard EN 16351	Minimum layer thickness of 18 mm	350	54	D-s2, d0 ⁴
Laminated veneer lumber products covered by the harmonised standard EN 14374	Minimum veneer thickness of 3 mm	400	18	D-s2, d0 ⁵

-
- ¹ Applies to all species and glues covered by the product standards.
² Conditioned in accordance with standard EN 13238.
³ Class as set out in Table 1 of the Annex to Delegated Regulation (EU) 2016/364.
⁴ Class valid for any substrate or air gap behind.
⁵ Class valid for any substrate or air gap behind.

TABLE 2
CLASSES OF REACTION TO FIRE PERFORMANCE
FOR CROSS LAMINATED TIMBER PRODUCTS
AND LAMINATED VENEER LUMBER PRODUCTS FOR FLOORINGS

Product ⁶	Product detail	Minimum mean density ⁷ (kg/m ³)	Minimum overall thickness (mm)	Class for floorings ⁸
Cross laminated timber products covered by the harmonised standard EN 16351	minimum layer thickness of 18 mm and with the surface layer made of pine	430	54	D _{FL} -s1 ⁹
Cross laminated timber products covered by the harmonised standard EN 16351	minimum layer thickness of 18 mm and with the surface layer made of spruce	400	54	D _{FL} -s1 ¹⁰
Laminated veneer lumber products covered by the harmonised standard EN 14374	with a minimum veneer thickness of 3 mm and with the surface layer made of pine	480	15	D _{FL} -s1 ¹¹
Laminated veneer lumber products covered by the harmonised standard EN 14374	with a minimum veneer thickness of 3 mm and with the surface layer made of pine	430	20	D _{FL} -s1 ¹²
Laminated veneer lumber products covered by the harmonised standard EN 14374	with a minimum veneer thickness of 3 mm and with the surface layer made of spruce	400	15	D _{FL} -s1 ¹³

⁶ Applies also to steps of stairs.

⁷ Conditioned in accordance with standard EN 13238.

⁸ Class as set out in Table 2 of the Annex to Delegated Regulation (EU) 2016/364.

⁹ Class valid for any substrate or air gap behind.

¹⁰ Class valid for any substrate or air gap behind.

¹¹ Class valid for any substrate or air gap behind.

¹² Class valid for any substrate or air gap behind.

¹³ Class valid for any substrate or air gap behind.