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From:	Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director
date of receipt:	10 November 2023
To:	Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union
No. Cion doc.:	C(2023) 7486 final - ANNEX
Subject:	ANNEX to the Commission Delegated Regulation on the conditions for classification, without testing, of solid wood panelling and cladding with regard to their reaction to fire and amending Decision 2006/213/EC

Delegations will find attached document C(2023) 7486 final - ANNEX.

Encl.: C(2023) 7486 final - ANNEX

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ANNEX

ANNEX

to the

Commission Delegated Regulation

on the conditions for classification, without testing, of solid wood panelling and cladding with regard to their reaction to fire and amending Decision 2006/213/EC

ANNEX

Classes of reaction to fire performance for solid wood panelling and cladding'

Product ([11])	Product detail ([5])	Minimum mean density ([6]) (kg/m^3)	Minimum thicknesses, total/ minimum ([7]) (mm)	End-use condition ([4])	Class ([3])
Panelling and cladding ([1])	Untreated wood pieces with or without tongue and groove and with or without profiled surface	390	9/6	Without air gap or with closed air gap behind	D - s2, d2
			12/8		D - s2, d0
Panelling and cladding ([2])	Untreated wood pieces with or without tongue and groove and with or without profiled surface	390	9/6	With open air gap ≤ 20 mm behind	D - s2, d0
			18/12	Without air gap or with open air gap behind	
Wood ribbon elements ([8])	Untreated wood pieces mounted on a support frame ([9])	390	18	Surrounded by open air on all sides ([10])	D - s2, d0

([1]) Mounted mechanically on a wood batten support frame, with the gap closed or filled with a substrate of at least class A2 - s1, d0 with minimum density of 10 kg/m^3 or filled with a substrate of cellulose insulation material of at least class E and with or without a vapour barrier behind. The wood product shall be designed to be mounted without open joints.
([2]) Mounted mechanically on a wood batten support frame, with or without an open air gap behind. The wood product shall be designed to be mounted without open joints.
([3]) Class as provided for in Table 1 of Annex to Commission Delegated Regulation (EU) 2016/364.
([4]) An open air gap may include possibility for ventilation behind the product, while a closed air gap will exclude such ventilation. The substrate behind the air gap must be of at least class A2 - s1, d0 with a minimum density of 10 kg/m^3. Behind a closed air gap of maximum 20 mm and with vertical wood pieces, the substrate may be of at least class D - s2, d0.
([5]) Joints include all types of joints e.g., butt joints and tongue and groove joints; Untreated wood is a wooden material that was not coated and was not subject to any kind of treatment other than kiln drying (physical, chemical, impregnation, or other treatments).
([6]) Conditioned according to EN 13238.
([7]) As illustrated in Figure a. Profiled area of the exposed side of the panel not more than 20 % of the plane area, or 25 % if measured at both exposed and unexposed side of the panel. For butt joints, the larger thickness applies at the joint interface.
([8]) Rectangular wood pieces, with or without rounded corners, mounted horizontally or vertically on a support frame and surrounded by air on all sides, mainly used close to other building elements, both in interior and exterior applications.
([9]) Maximum exposed area (all sides of rectangular wood pieces and wood support frame) not more than 110 % of the total plane area, see Figure b.
([10]) Other building elements closer than 100 mm from the wood ribbon element (excluding its support frame) must be of at least class A2 - s1, d0, at distances 100 - 300 mm of at least class B - s1, d0 and at distances more than 300 mm of at least class D - s2, d0.
([11]) Applies also to staircase risers.

Figure a

Profiles for solid wood panelling and cladding

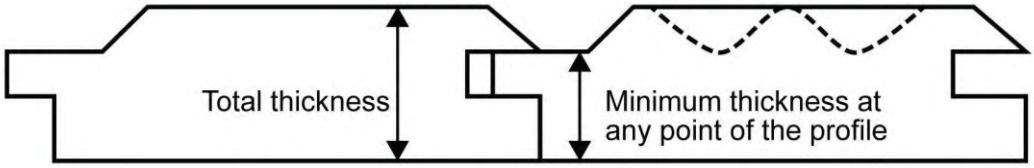
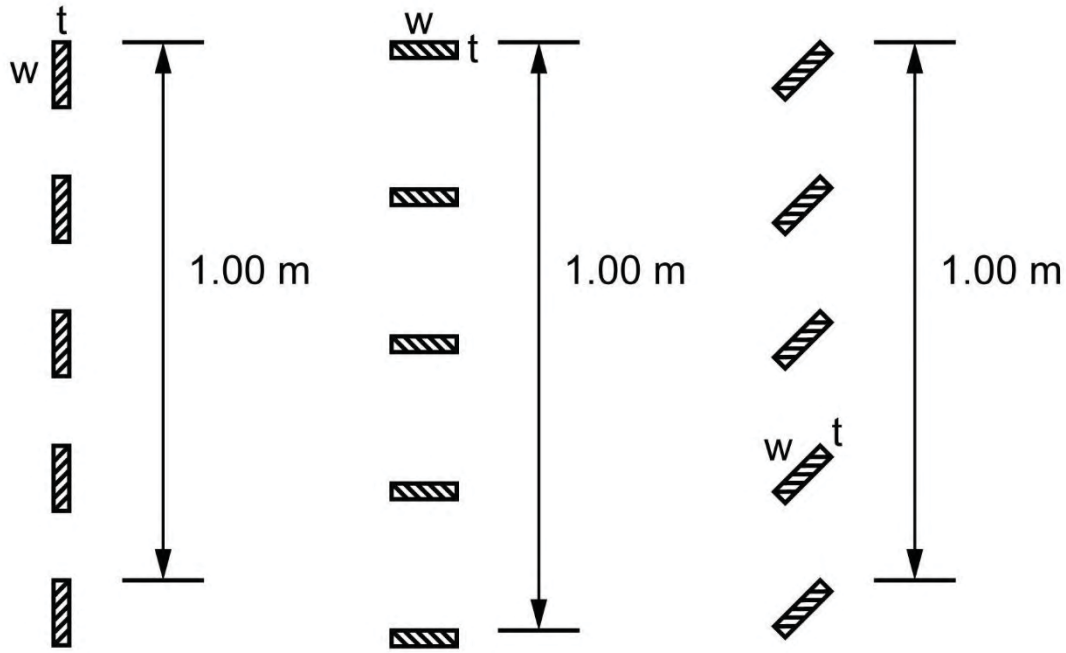


Figure b

Maximum exposed area of wood ribbon element $2n\ (t + w) + a \leq 1{,}10$



n = number of wood pieces per meter
t = thickness of each wood piece, in meter
w = width of each wood piece, in meter
a = exposed area of wood support frame (if any), in m^2, per m^2 of wood ribbon element