Appendix

1. Name of the construction method etc.

Wooden flooring with plywood support

2. Shape and size of the construction method etc.

Shown as Table 1

Table1 Shape and size etc. of the construction method etc.

Item	Specifications
Shape	Flat board
Surface configuration	Smooth
Thickness	10 (± 0.2) mm 11 (± 0.2) mm 12 (± 0.2) mm 15 (± 0.2) mm 19 (± 0.2) mm
Type of surface finish	On front side or Nothing
Density	650 (-30) – 800 (+30) kg/m^3

3. Material construction of the construction method etc.

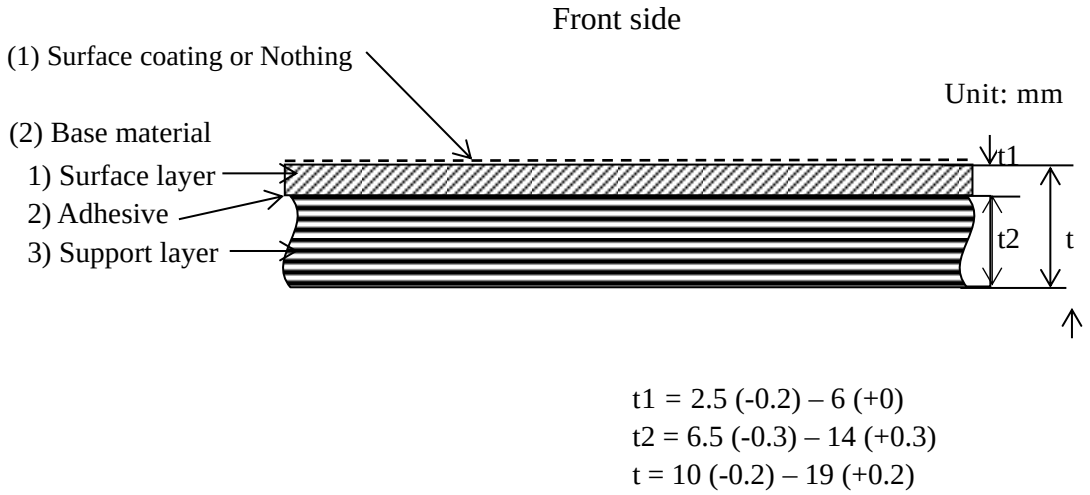
Shown as table 2

Table 2 Material construction of the construction method etc.

Item	Specifications
(1) Surface coating (on front side)	Type: Water/based UV-curing acrylic coatings which do not correspond to type 1, type 2 and type 3 formaldehyde-emitting building materials or Nothing Products and Applied amount (in dry form): 1) UV water primer : 0.010 – 0.015 kg/m^2 2) UV-curing base coats: 0.080 kg/m^2 3) UV-curing top coats: 0.012 – 0.016 kg/m^2
(2) Base material	Material: Wooden flooring with plywood support Thickness: 10 (± 0.2) mm, 11 (± 0.2) mm, 12 (± 0.2) mm, 15 (± 0.2) mm and 19 (± 0.2) mm Density: 650 (-30) – 800 (+30) kg/m^3 Number of layers: 2 Material structure: 1) Surface-layer: Material: Solid wood veneer Thickness: 2.5, 3.5, 4, 5 or 6 mm (Adjustment by sanding can be done.) Wood species and its nominal density: Oak 685 kg/m^3, Afrormosia 720 kg/m^3, Cabreuva 830 kg/m^3, Doussiè 760 kg/m^3, Iroko 650 kg/m^3, American Walnut 650 kg/m^3, Teak 670 kg/m^3, Wenge 830 kg/m^3 2) Adhesive: Type: PVAc type adhesive which does not correspond to type 1, type 2 and type 3 formaldehyde-emitting building materials and does not contain any of urea resin, melamine resin, phenol resin, resorcinol resin, any formaldehyde using preservatives, monomer which contain methylol group nor formaldehyde sodium sulfoxylate (Rongalit) catalyst Applied amount (in dry form, totally): 0.170 kg/m^2 3) Support layer: Material: Plywood Number of layer / Thickness: 5 layers / 6.5 (±0.3) mm, 7 layers / 9 (±0.3) mm, 9 layers / 12 (±0.3) mm or 11 layers / 15 (±0.3) mm (Approximately 0.1 – 1.5 mm thickness will be reduced by sanding.) Thickness of veneer: Surface layers: 1.2 mm Middle layers: 1.35 – 1.45 mm Density: 700 ± 20 kg/m^3 Wood species: Birch Adhesive: Type: Phenol-formaldehyde Polymer type Composition and its ration (by mass, on production): Phenol-formaldehyde polymer 70 % Water 16 % Hardener (Wheat flour and Calcium carbonate) 14 % Applied amount per area (per 1 layer, on production): 190 ±10g/m^2 Applied amount of adhesive per unit area (on production): 5 layers / 6.5 mm: 0.76 (± 0.04) kg/m^2, 7 layers / 9 mm: 1.14 (± 0.06) kg/m^2 9 layers /12 mm: 1.52 (± 0.08) kg/m^2 , 11 layers /15 mm: 1.9 (± 0.1) kg/m^2

4. Structure statement of the construction method etc.

Shown as Figure1.



t1 = 2.5 (-0.2) – 6 (+0)
t2 = 6.5 (-0.3) – 14 (+0.3)
t = 10 (-0.2) – 19 (+0.2)

Figure 1 Cross section diagram of the construction method etc.