Product specification Certificate 0766-CPR-407

Name of the product: **Plywood- Suzhou Dongsheng Wood Co., Ltd.**			
Class			code
	Plywood for use in dry conditions (EN 636-1)	[1] ×	2312004-007
	Plywood for use in humid conditions (EN 636-2)	[1]	
	Plywood for use in exterior conditions (EN 636-3)	[1] ×	
Application area			
	Use as non-structural component	[1] ×	
	Use as structural component	[1] ×	
Panel			
	Nominal thickness or thickness range [mm]	9-25	
	Length [mm]	2440	
	Width [mm]	1220	
	Number of veneers	5-17	
Core veneer			
	Kind of wood	Poplar, Birch, Eucalyptus	
	Thickness [mm]	1.2-2.2	
Face veneer			
	Kind of wood	Poplar, Birch, Eucalyptus, Bintangor, Okoume	
	Thickness [mm]	0.2-1.2	
Back veneer			
	Kind of wood	Poplar, Birch, Eucalyptus, Bintangor, Okoume	
	Thickness [mm]	0.2-1.2	
Adhesive			
	Type	PF (Phenol-Formaldehyde Resin)	
	Product name	Dynea-Resin	
Further information			
	Contains flame retardant	No	
	Contains wood preservative	No	

[1] Please mark the relevant properties with a cross.

Specification for ITT:

Panel				
	Nominal thickness [mm]		12.2	
	Core veneer (wood species, thickness [mm], number)		Poplar, 1.9, 5	
	Face veneer (wood species, thickness [mm], number)		Poplar, 1.9, 1	
	Back veneer (wood species, thickness [mm], number)		Poplar, 1.9, 1	
	Veneer orientation		|-|-|-|	
Panel properties				
	Bending strength [N/mm²] ($L_{5\%}$)	0° / 90°	45.9/29.2	
	Bending strength classes	0° / 90°	F30/F15	
	Bending modulus [N/mm²] ($L_{5\%}$)	0° / 90°	4129/2945	
	Bending modulus classes	0° / 90°	E40/E30	
	Mean shear strength [N/mm²] (and mean apparent cohesive wood failure [%])[2] (after pre-treatment according to EN 314-1 (depending on bonding class)	5.1.1	[N/mm²] 1.28	[%] 60
		5.1.2		
		5.1.3		
		5.1.4	1.01	51

[2] Value of wood failure is only necessary, if the value of shear strength is smaller than 1.

Comments:

The properties of products which differ in their structure from the ITT structure (thickness, type of wood) are mandatorily to be confirmed by the manufacturer under the FPC, and where necessary, they need to be submitted to the Notified Body.

9 November 2016
date

stamp and signature
Dipl.-Ing. Tino Schulz

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