Declaration of Performance, Tolko Industries Ltd Plywood

No. 2812-CPR-0004

1. Unique identification code of the product-type

   CSA O121 DFP

2. Intended uses:

   For Structural or non-structural use in interior or exterior applications

   Floor, wall and roof details as identified Technical Class EN 636-3

4. Manufacturer:

   Tolko Industries Ltd. – Armstrong Plywood
   3000 - 28th Street
   Vernon, BC
   V1T 9W9
   250-545-4411
   www.tolko.com

6. System of Assessment:

   Assessment and verification of consistency of performance (AVCP) System 2+

7. Notified body No. 2812, Element Materials Technology Rotterdam B.V. performed the initial inspection and continue performance surveillance under system AVCP 2+ and issued a Certificate of Conformity of the Factory Production Control

9. Declared Performance:

   See attached table next page.

10. The performance of the product identified above is in conformity with the set of the declared Performances. This declaration of performance is issued under the sole responsibility of the manufacturer listed above, and is in conformance with Regulation (EU) No. 305/2011

Signed for and on behalf of the manufacturer by:

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Darren Copp, Quality Control Supervisor – Tolko Armstrong Plywood

Vernon, BC Canada. December 21, 2021

PLYWOOD

DECLARATION OF PERFORMANCE

EN 13986
Complying with EN 636
Characteristics Based on EN 12369-2

12.5 mm, 15.5 mm and 18.5 mm Structural Softwood Plywood
Douglas-fir Plywood (DFP)

Characteristic density (kg/m³) and strength (N/mm² or MPa)

Thickness (Nominal) mm	Number of Veneers/layers	EN 635-3 Veneer grade	Density	Bending		Tension		Compression		Shear	
										Panel	Planar
t_{nom}			$\rho_{p\ mean}$	f_m		f_t		f_c		f_v	f_r
				0	**90**	**0**	**90**	**0**	**90**		
12.5	4/3	III/IV	509	25	15	10	6	12,5	7,5	4,3	0,7
15.5	5/5	III/IV	450	20	15	8	6	10	7,5	3,5	0,6
18.5	7/7	III/IV	455	20	15	8	6	10	7,5	3,5	0,6

Mean Stiffness Values (N/mm² or MPa)

Thickness (Nominal) mm	Bending		Tension		Compression		Shear	
							Panel	Planar
t_{nom}	E_m		E_t		E_c (=E_t)		G_v	G_r
	0	**90**	**0**	**90**	**0**	**90**		
12.5 (4/3)	5000	1500	2500	750	2500	750	360	22
15.5 (5/5)	5000	2000	2500	1000	2500	1000	310	16
18.5 (7/7)	5000	2000	2500	1000	2500	1000	310	16

Declaration of Performance, Tolko Industries Ltd Plywood

No. 2812-CPR-0004

1. Unique identification code of the product-type

   CSA O151 CSP

2. Intended uses:

   For Structural or non-structural use in interior or exterior applications

   Floor, wall and roof details as identified Technical Class EN 636-3

4. Manufacturer:

   Tolko Industries Ltd. – Armstrong Plywood
   3000 - 28th Street
   Vernon, BC
   V1T 9W9
   250-545-4411
   www.tolko.com

6. System of Assessment:

   Assessment and verification of consistency of performance (AVCP) System 2+

7. Notified body No. 2812, Element Materials Technology Rotterdam B.V. performed the initial inspection and continue performance surveillance under system AVCP 2+ and issued a Certificate of Conformity of the Factory Production Control

9. Declared Performance:

   See attached table next page.

10. The performance of the product identified above is in conformity with the set of the declared Performances. This declaration of performance is issued under the sole responsibility of the manufacturer listed above, and is in conformance with Regulation (EU) No. 305/2011

Signed for and on behalf of the manufacturer by:

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Darren Copp, Quality Control Supervisor – Tolko Armstrong Plywood

Vernon, BC Canada. December 21, 2021

PLYWOOD

DECLARATION OF PERFORMANCE

EN 13986
Complying with EN 636
Characteristics Based on EN 12369-2

12.5 mm, 15.5 mm and 18.5 mm Structural Softwood Plywood
Canadian Softwood Plywood (CSP)

Characteristic density (kg/m³) and strength (N/mm² or MPa)

Thickness (Nominal) mm	Number of Veneers/layers	EN 635-3 Veneer grade	Density	Bending		Tension		Compression		Shear	
										Panel	Planar
t_{nom}			$\rho_{p\ mean}$	f_m		f_t		f_c		f_v	f_r
				0	**90**	**0**	**90**	**0**	**90**		
12.5	4/3	III/IV	434	20	10	8	4	10	5	2,7	0,5
15.5	5/5	III/IV	435	15	10	6	4	7,5	5	2,7	0,5
18.5	7/7	III/IV	435	15	10	6	4	7,5	5	2,7	0,5

Mean Stiffness Values (N/mm² or MPa)

Thickness (Nominal) mm	Bending		Tension		Compression		Shear	
							Panel	Planar
t_{nom}	E_m		E_t		E_c (=E_t)		G_v	G_r
	0	**90**	**0**	**90**	**0**	**90**		
12.5 (4/3)	4000	1500	2500	750	3200	1200	270	11
15.5 (5/5)	3500	2000	1750	1000	2800	1600	270	11
18.5 (7/7)	3500	2000	1750	1000	2800	1600	270	11