

DECLARATION OF PERFORMANCE (DoP)

DoP number : DDP 103 Version 01 / Juillet 2013
 Identification code : EN 636-3 S
 Trade name : ROLPIN ROLAY
 Intended uses : For structural uses (flooring, roofing, walling) interior or exterior
 Manufacture by : ROLPIN SAS, 1964 route de la grande lande 40210 Labouheyre
 contact@rolpin.fr - www.rolpin.com

System of assessment and verification of constancy of performance :



Notified body : FCBA 0380
 performed : the initial inspection of the firm and its factory production control
 the supervision and the assessment of the factory control production constancy
 and issued : the certificate of conformance of the factory production control 0380 - CPD - 011

Declared performance :

Essential characteristics	Performance										harmonised technical specification
	9	10	12	15	18	21	25	30	35	40	
Thickness (mm)	9	10	12	15	18	21	25	30	35	40	EN 314-2
Number of layers	3	5	5	5	7	7	9	9	15	13	
Bonding Quality	3	3	3	3	3	3	3	3	3	3	
mean density (kg/m ³)	600	600	600	600	600	600	600	600	600	600	
Reaction to fire	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	
uses conditions											
Release of formaldehyde (max)	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	
Release of formaldehyde (real)	F****	F****	F****	F****	F****	F****	F****	F****	F****	F****	
Characteristic Strength (N/mm ²)											
Bending // to grain	31.8	29.5	27.7	24.3	21.8	19.7	20.9	17.5	18.1	18.3	
Bending ⊥ to grain	9.9	12	14.2	17.8	17.5	19.6	14.6	18.3	15.3	14.8	
Tension // to grain	14.5	19.4	17.4	14.1	15.3	13.4	18.4	15.2	15.8	17.6	
Tension ⊥ to grain	15.5	10.6	12.6	15.9	14.7	16.6	11.6	14.8	14.2	12.4	
Compression // to grain	23.2	31.1	27.8	22.6	24.4	21.5	29.5	24.4	25.2	28.1	
Compression ⊥ to grain	24.8	16.9	20.2	25.4	23.6	26.5	18.5	23.6	22.8	19.9	
Panel shear // to grain	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	
Panel shear ⊥ to grain	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	
Rolling shear // to grain	2.2	2.2	2.2	2.2	2.2	2.2	0.5	0.5	2.2	0.5	
Rolling shear ⊥ to grain	0.5	2.2	2.2	0.5	2.2	0.5	2.2	0.5	2.2	2.2	
Mean modulus of elasticity (N/mm ²)											
Bending // to grain	10856	10200	9543	8342	7991	7237	8182	6890	7295	7522	
Bending ⊥ to grain	1744	2400	3057	4258	4609	5363	4418	5710	5305	5078	
Tension // to grain	6083	8153	7295	5940	6407	5642	7742	6405	6620	7382	
Tension ⊥ to grain	6517	4447	5305	6660	6193	6958	4858	6195	5980	5218	
Compression // to grain	6083	8153	7295	5940	6407	5642	7742	6405	6620	7382	
Compression ⊥ to grain	6517	4447	5305	6660	6193	6958	4858	6195	5980	5218	
Panel shear // to grain	540	540	540	540	540	540	540	540	540	540	
Panel shear ⊥ to grain	540	540	540	540	540	540	540	540	540	540	
Rolling shear // to grain	90	90	90	90	90	90	90	90	90	90	
Rolling shear ⊥ to grain	90	90	90	90	90	90	90	90	90	90	
Punching shear	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Impact resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Water vapour permeability (μ)											
wet cup	70	70	70	70	70	70	70	70	70	70	
dry cup	200	200	200	200	200	200	200	200	200	200	
Thermal conductivity (W/m.K)	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
Sound absorption [250-500] Hz	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
Sound absorption [1000-2000] Hz	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
Release of pentachlorophenol (ppm)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Biological Durability : use classe	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
											EN 13986 2004
											EN 350-2

The performance of the product identified is in conformity with the declared performance
 This declaration of performance is issued under the sole responsibility of the manufacturer

For and behalf the manufacturer : **F. STORIOLO** QSE Manager The : **01/07/2013** in : Labouheyre



ROLPIN

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