

## DECLARATION OF PERFORMANCE (DoP)

DoP number : DDP 104 Version 01 / Juillet 2013  
 Identification code : EN 636-3 S  
 Trade name : ROLPIN UTI  
 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
	7	9	10	12	15	18	21	25	30	35	40	
Thickness (mm)	7	9	10	12	15	18	21	25	30	35	40	EN 314-2
Number of layers	3	3	5	5	5	7	7	7	9	15	13	
Bonding Quality	3	3	3	3	3	3	3	3	3	3	3	
mean density (kg/m <sup>3</sup> )	600	600	600	600	600	600	600	600	600	600	600	
Reaction to fire	NPD	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	EN 717.2 JIS A 1460
uses conditions												
Release of formaldehyde (max)	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	EN 13986 2004
Release of formaldehyde (real)	F***	F***	F***	F***	F***	F***	F***	F***	F***	F***	F***	
Characteristic Strength (N/mm <sup>2</sup> )												EN 13986 2004
Bending // to grain	35.5	36.1	30.7	29	25.8	23	21.1	24.7	23	19.8	17.9	
Bending ⊥ to grain	4.1	2.9	10.7	12.8	16.4	16.4	18.5	14.8	15.4	15.4	15.4	
Tension // to grain	20	21.6	20	18	14.8	15.5	13.9	17.1	14.9	14.8	14.9	
Tension ⊥ to grain	10	8.4	10	12	15.2	14.5	16.1	12.9	15.1	15.2	15.2	
Compression // to grain	32	34.5	32	28.8	23.7	24.8	22.3	27.4	23.8	23.7	23.8	
Compression ⊥ to grain	16	13.5	16	19.2	24.3	23.2	25.7	20.6	24.2	23.2	24.2	
Panel shear // to grain	6.7	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	6.7	
Rolling shear // to grain	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.5	0.5	2.2	0.5	
Rolling shear ⊥ to grain	2.2	0.5	2.2	2.2	0.5	2.2	0.5	0.5	0.5	2.2	2.2	
Mean modulus of elasticity (N/mm <sup>2</sup> )												
Bending // to grain	12133	11561	10578	9979	8845	8392	7690	8963	8404	7788	7230	
Bending ⊥ to grain	467	1039	2022	2621	3755	4208	4910	3637	4196	5098	5264	
Tension // to grain	8400	7115	8400	7580	6214	6503	5843	7200	6257	5937	5862	
Tension ⊥ to grain	4200	5485	4200	5040	6386	6097	6757	5400	6343	6632	6720	
Compression // to grain	8400	7115	8400	7580	6214	6503	5843	7200	6257	5937	5962	
Compression ⊥ to grain	4200	5485	4200	5040	6386	6097	6757	5400	6343	6632	6720	
Panel shear // to grain	540	540	540	540	540	540	540	540	540	540	540	
Panel shear ⊥ to grain	540	540	540	540	540	540	540	540	540	540	540	
Rolling shear // to grain	90	90	90	90	90	90	90	90	90	90	90	
Rolling shear ⊥ to grain	90	90	90	90	90	90	90	90	90	90	90	
Punching shear	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	EN 350-2
Impact resistance	NPD	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	70	
dry cup	200	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	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	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	0.30	
Release of pentachlorophénol (ppm)	< 5	< 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	3/4	

The performance of the produit 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

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