

DECLARATION OF PERFORMANCE

Manufacturer: UK Importer to advise buyer
Contact person: Gary McSherry

RefNo: DoP-013

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood		
INTENDED USE	Structural Plywood in external condition (EN636-3S), internal humid condition (EN636-2S), internal dry condition (EN636-1S) All with formaldehyde class E1		
ASSESSMENT SYSTEM	CE2+		
NOTIFIED BODY	Element Materials Technology Rotterdam B.V	NOTIFIED BODY NO	2812
CERTIFICATE NO.	2812-CPR-0100		

DECLARED PERFORMANCE

Characteristics		BS Standard	Performance (according to thickness)
			9 mm
Bending Strength (MOR)	F _{m0}	EN 310	F15 - min 23 N/mm ²
	F _{m90}		F25 - min 38 N/mm ²
Modulus of Elasticity (MOE)	E _{m0}	EN 310	E40 - min 4000 N/mm ²
	E _{m90}		E40 - min 4000 N/mm ²
Bonding Quality		EN 314-1	Class 3
		EN 314-2 Class 3	
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 400 kg/m ³
Release of Formaldehyde		EN 13986 Annex B	Use phenolic glue, therefore conform to Class E1
Reaction to Fire		EN 13986 Table 8	Based on the density above, declared as Class D-s2, d0
Water Vapour Permeability		EN 13986 Table 9	Based on the density above, declared Vapour Resistance Factor: Wet Cup = 70 μ , Dry Cup = 200 μ
Thermal Conductivity		EN 13986 Table 11	Based on the density above, declared Thermal Conductivity = 0.13 W/m K

DECLARATION OF PERFORMANCE

RefNo: DoP-014

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood		
INTENDED USE	Structural Plywood in external condition (EN636-3S), internal humid condition (EN636-2S), internal dry condition (EN636-1S) All with formaldehyde class E1		
ASSESSMENT SYSTEM	CE2+		
NOTIFIED BODY	Element Materials Technology Rotterdam B.V	NOTIFIED BODY NO	2812
CERTIFICATE NO.	2812-CPR-0100		

DECLARED PERFORMANCE

Characteristics	BS Standard	Performance (according to thickness)	
		12 mm	
Bending Strength (MOR)	EN 310	F_{m0}	F15 - min 23 N/mm ²
		F_{m90}	F20 - min 30 N/mm ²
Modulus of Elasticity (MOE)	EN 310	E_{m0}	E30 - min 3000 N/mm ²
		E_{m90}	E40 - min 4000 N/mm ²
Bonding Quality	EN 314-1	Class 3	
	EN 314-2		
Moisture Content	EN 322	8% - 12%	
Density	EN 323	min 400 kg/m ³	
Release of Formaldehyde	EN 13986 Annex B	Use phenolic glue, therefore conform to Class E1	
Reaction to Fire	EN 13986 Table 8	Based on the density above, declared as Class D-s2, d0	
Water Vapour Permeability	EN 13986 Table 9	Based on the density above, declared Vapour Resistance Factor: Wet Cup = 70 μ , Dry Cup = 200 μ	
Thermal Conductivity	EN 13986 Table 11	Based on the density above, declared Thermal Conductivity = 0.13 W/m K	

DECLARATION OF PERFORMANCE

Ref No: DoP-015

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood		
INTENDED USE	Structural Plywood in external condition (EN636-3S), internal humid condition (EN636-2S), internal dry condition (EN636-1S) All with formaldehyde class E1		
ASSESSMENT SYSTEM	CE2+		
NOTIFIED BODY	Element Materials Technology Rotterdam B.V	NOTIFIED BODY NO	2812
CERTIFICATE NO.	2812-CPR-0100		

DECLARED PERFORMANCE

Characteristics		BS Standard	Performance (according to thickness)
			15 mm
Bending Strength (MOR)	F _m 0	EN 310	F15 - min 23 N/mm ²
	F _m 90		F15 - min 23 N/mm ²
Modulus of Elasticity (MOE)	E _m 0	EN 310	E30 - min 3000 N/mm ²
	E _m 90		E20 - min 2000 N/mm ²
Bonding Quality		EN 314-1 EN 314-2 Class 3	Class 3
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 400 kg/m ³
Release of Formaldehyde		EN 13986 Annex B	Use phenolic glue, therefore conform to Class E1
Reaction to Fire		EN 13986 Table 8	Based on the density above, declared as Class D-s2, d0
Water Vapour Permeability		EN 13986 Table 9	Based on the density above, declared Vapour Resistance Factor: Wet Cup = 70 μ , Dry Cup = 200 μ
Thermal Conductivity		EN 13986 Table 11	Based on the density above, declared Thermal Conductivity = 0.13 W/m K

DECLARATION OF PERFORMANCE

RefNo: DoP-016

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood		
INTENDED USE	Structural Plywood in external condition (EN636-3S), internal humid condition (EN636-2S), internal dry condition (EN636-1S)		
	All with formaldehyde class E1		
ASSESSMENT SYSTEM	CE2+		
NOTIFIED BODY	Element Materials Technology Rotterdam B.V	NOTIFIED BODY NO	2812
CERTIFICATE NO.	2812-CPR-0100		

DECLARED PERFORMANCE

Characteristics		BS Standard	Performance (according to thickness)
			18 mm
Bending Strength (MOR)	$F_m 0$	EN 310	F15 - min 23 N/mm ²
	$F_m 90$		F25 - min 38 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	EN 310	E40 - min 4000 N/mm ²
	$E_m 90$		E40 - min 4000 N/mm ²
Bonding Quality		EN 314-1	Class 3
		EN 314-2 Class 3	
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 400 kg/m ³
Release of Formaldehyde		EN 13986 Annex B	Use phenolic glue, therefore conform to Class E1
Reaction to Fire		EN 13986 Table 8	Based on the density above, declared as Class D-s2, d0
Water Vapour Permeability		EN 13986 Table 9	Based on the density above, declared Vapour Resistance Factor: Wet Cup = 70 μ , Dry Cup = 200 μ
Thermal Conductivity		EN 13986 Table 11	Based on the density above, declared Thermal Conductivity = 0.13 W/m K

DECLARATION OF PERFORMANCE

RefNo: DoP-018

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood		
INTENDED USE	Structural Plywood in external condition (EN636-3S), internal humid condition (EN636-2S), internal dry condition (EN636-1S) All with formaldehyde class E1		
ASSESSMENT SYSTEM	CE2+		
NOTIFIED BODY	Element Materials Technology Rotterdam B.V	NOTIFIED BODY NO	2812
CERTIFICATE NO.	2812-CPR-0100		

DECLARED PERFORMANCE

Characteristics		BS Standard	Performance (according to thickness)
			25 mm
Bending Strength (MOR)	$F_m 0$	EN 310	F5 - min 8 N/mm ²
	$F_m 90$		F20 - min 30 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	EN 310	E10 - min 1000 N/mm ²
	$E_m 90$		E30 - min 3000 N/mm ²
Bonding Quality		EN 314-1 EN 314-2 Class 3	Class 3
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 400 kg/m ³
Release of Formaldehyde		EN 13986 Annex B	Use phenolic glue, therefore conform to Class E1
Reaction to Fire		EN 13986 Table 8	Based on the density above, declared as Class D-s2, d0
Water Vapour Permeability		EN 13986 Table 9	Based on the density above, declared Vapour Resistance Factor: Wet Cup = 70 μ , Dry Cup = 200 μ
Thermal Conductivity		EN 13986 Table 11	Based on the density above, declared Thermal Conductivity = 0.13 W/m K