

DECLARATION OF PERFORMANCE

Manufacturer: U K Importer to declare Manufacturer
 Contact Person: Gary McSherry

Ref No: DoP-002

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	HFB

DECLARED PERFORMANCE

Characteristics		BS Standard	Performance (according to thickness) 4.0 mm
Bending Strength (MOR)	$E_m 0$	EN 310	F30 - min 45 N/mm ²
	$E_m 90$		F15 - min 23 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	EN 310	E70 - min 7000 N/mm ²
	$E_m 90$		E15 - min 1500 N/mm ²
Bonding Quality		EN 314-1 EN 314-2 Class 3	1.52 N/mm ²
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 500 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	NPD
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

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 identified above.

05/02/2025


DECLARATION OF PERFORMANCE

Ref No: DoP-004

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	HFB

DECLARED PERFORMANCE

Characteristics	BS Standard	Performance (according to thickness) 6.0 mm
Bending Strength (MOR)	$F_m 0$	F20 - min 30 N/mm ²
	$F_m 90$	F15 - min 23 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	E30 - min 3000 N/mm ²
	$E_m 90$	E15 - min 1500 N/mm ²
Bonding Quality	EN 314-1 EN 314-2 Class 3	1.06 N/mm ²
Moisture Content	EN 322	8% - 12%
Density	EN 323	min 500 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	NPD
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

The performance of the product identified is in conformity with the declared performance.

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DECLARATION OF PERFORMANCE

Ref No: DoP-005

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	HFB

DECLARED PERFORMANCE

Characteristics	BS Standard	Performance (according to thickness)
		9 mm
Bending Strength (MOR)	$F_m 0$	F20 - min 30 N/mm ²
	$F_m 90$	F25 - min 38 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	E30 - min 3000 N/mm ²
	$E_m 90$	E30 - min 3000 N/mm ²
Bonding Quality	EN 314-1	
	EN 314-2 Class 3	1.90 N/mm ²
Moisture Content	EN 322	8% - 12%
Density	EN 323	min 500 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

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DECLARATION OF PERFORMANCE

Ref No: DOP-006

Phenol Formaldehyde Bonded Hardwood Plywood	
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	HFB

DECLARED PERFORMANCE

Characteristics	BS Standard	Performance (according to thickness) 12 mm
Bending Strength (MOR)	$F_{m,0}$	F15 - min 23 N/mm ²
	$F_{m,90}$	F20 - min 30 N/mm ²
Modulus of Elasticity (MOE)	$E_{m,0}$	E30 - min 3000 N/mm ²
	$E_{m,90}$	E40 - min 4000 N/mm ²
Bonding Quality	EN 314-1	1.44 N/mm ²
	EN 314-2 Class 3	
Moisture Content	EN 322	8% - 12%
Density	EN 323	min 500 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

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DECLARATION OF PERFORMANCE

RefNo: DoP-008

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	BM TRADA

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 EN 314-2 Class 3	1.72 N/mm ²
Moisture Content		EN 322	8% - 12%
Density		EN 323	min 500 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

The performance of the product identified is in conformity with the declared performance.

This document should be read in conjunction with the Certificate of Conformity of FPC No. 1224-CPR-0100

05/02/2025

DECLARATION OF PERFORMANCE

RefNo: DoP-010

PRODUCT TYPE	Phenol Formaldehyde Bonded Hardwood Plywood
ASSESSMENT SYSTEM	MARINE BS 1088
NOTIFIED BODY	HFB

DECLARED PERFORMANCE

Characteristics	BS Standard	Performance (according to thickness)
		25 mm
Bending Strength (MOR)	$F_m 0$	F5 - min 8 N/mm ²
	$F_m 90$	F20 - min 30 N/mm ²
Modulus of Elasticity (MOE)	$E_m 0$	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	1.69 N/mm ²
Moisture Content	EN 322	8% - 12%
Density	EN 323	min 500 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

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 identified above.

25/02/2025