

## DECLARATION OF PERFORMANCE

No. **OSB3-CPR-2013-07-01-C1**

Manufacturer:-

**Kronospan Ltd.**

**Chirk**

**Wrexham**

**LL14 5NT**

Unique identification code of the product type	Intended use	Systems of AVCP	Notified Body	Harmonised standard
OSB3 ECO	Internal use as a structural components in humid conditions (OSB/3 acc. EN 300 is load-bearing boards for use in humid conditions)	4	N/A	EN 13986:2004
*The unique identification code of the product-type is a combination of the technical class and the individual product's nominal thickness.				

### Declared performance [covering a range of product-types OSB3 8mm to 30mm\*]

Essential characteristics		Performance				Harmonised technical specification
		Thickness(mm)				
		8-10mm	>10-18	>18-25	>25-30	
Bending strength acc. EN 310	Major axis	22 MPa	20 MPa	18 MPa	16 MPa	EN 13986:2004
	Minor axis	11 MPa	10 MPa	9 MPa	8 MPa	
Bending stiffness (Modulus of elasticity) acc. EN 310	Major axis	3500 MPa	3500 MPa	3500 MPa	3500 MPa	
	Minor axis	1400 MPa	1400 MPa	1400 MPa	1400 MPa	
Tensile strength (Internal bond) acc. EN 319		0.34 MPa	0.32 MPa	0.29 MPa	0.26 MPa	
Durability (Swelling in thickness-24h immersion) acc. EN 317		15 %	15 %	15 %	15 %	
Durability (Moisture resistance-Internal bond after boil test) acc. EN 1087-1		0.15 MPa	0.13 MPa	0.12 MPa	0.06 MPa	
Release of content of formaldehyde acc. EN120		Class E1 ( $\leq 8\text{mg}/100\text{g}$ oven dry board)				
Release of content of formaldehyde acc. EN 717-1		$\leq 0.03$ ppm				
Reaction to fire acc. EN 13501-1		D-s2,d0				
Water vapour permeability		NPD				
Airborne sound insulation		NPD				
Sound absorption		NPD				
Thermal conductivity		NPD				
Strength and stiffness for structural use		NPD				
Mechanical durability		NPD				
Biological durability acc. EN 353		NPD				
Release (Content) of pentachlorophenol (PCP)		NPD				
						EN 13986:2004

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

This declaration of performance is issued, in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Toby Dell

Kronospan Ltd

