

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 | | ≤ 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 | | | | |

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

