

**Declaration of performance according Regulation (EC) no. 305/2011 PremiumBoard MFP P5 - Code 5275**

**Load-bearing boards for use in humid conditions**

Relevant harmonised standard: EN 13986:2004

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The according CPR notified body "Entwicklungs- und Prüflabor Holztechnologie GmbH, no. 0766 (EPH)" performs together with the "Qualitätsgemeinschaft Holzwerkstoffe e. V. Ursulum 18, 35396 Gießen" the continuous surveillance, assessment and approval of the factory production control (FPC) according system 2+. A certificate for the FPC was issued by the EPH: no. 0766-CPR-255.

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<b>Thickness (nominal)</b>	> 9 mm to ≤ 10 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	18 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	2550 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.45 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	13 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.15 N/mm <sup>2</sup>

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i. V. Claus Seemann (Leitung Produktmanagement Träger)

01.10.2014

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<b>Thickness (nominal)</b>	> 10 mm to ≤ 13 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	18 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	2550 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.45 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	11 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.15 N/mm <sup>2</sup>

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<b>Thickness (nominal)</b>	> 13 mm to ≤ 20 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	16 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	2400 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.45 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	10 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.14 N/mm <sup>2</sup>

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<b>Thickness (nominal)</b>	> 20 mm to ≤ 25 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	14 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	2150 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.40 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	10 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.12 N/mm <sup>2</sup>

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<b>Thickness (nominal)</b>	> 25 mm to ≤ 32 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	12 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	1900 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.35 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	10 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.11 N/mm <sup>2</sup>

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<b>Thickness (nominal)</b>	> 32 mm to ≤ 40 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	10 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	1700 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.30 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	9 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.10 N/mm <sup>2</sup>

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<b>Thickness (nominal)</b>	> 40 mm
<b>Classification of boards (EN 312)</b>	P5
<b>Reaction to fire euroclasses (EN 13986)</b>	D-s2, d0
<b>Conditions of use (EN 1995-1-1)</b>	Service class 1 + 2
<b>Content, pentachlorophenol</b>	< 3 ppm
<b>Class, formaldehyde release (EN 13986)</b>	E1
<b>Bending strength (EN 310)</b>	9 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	1550 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	0.25 N/mm <sup>2</sup>
<b>Swelling in thickness, 24 h (EN 317)</b>	9 %
<b>Internal bond after boil test (EN 1087-1)</b>	0.09 N/mm <sup>2</sup>

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