

DECLARATION OF PERFORMANCE (according EU 305/2011, Annex V)

Reference number **02-0012-02**

Identification code of the product type

STEICOhardboard HB EN 622-2

Name and address of the manufacturer

STEICO SE, Otto-Lilienthal-Ring 30, D-85622 Feldkirchen, Germany, Email: info@steico.com

Name and address of the authorised representative

not relevant

| Product type | Intended use | AVCP* | Notified Body reference | Notified Test Institute |
|--------------|---------------------|-------|--|-------------------------|
| Hardboard HB | Non-structural, dry | 3 | ITD Poznan; Wood technology institute; ul. Winiarska 1, 60-654 Poznan / Poland | No. 1583 |

*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011

Declared performance


| Essential characteristics | Performance | | | Harmonised technical specification |
|--|------------------------|------------------------|------------------------|------------------------------------|
| | 2,5 mm ≤ t ≤ 3,5 mm | 3,5 < t ≤ 5,5 mm | t > 5,5 mm | |
| Thickness | 2,5 mm ≤ t ≤ 3,5 mm | 3,5 < t ≤ 5,5 mm | t > 5,5 mm | EN 13986:2004 |
| Reaction to fire | Klasse E | Klasse E | Klasse E | |
| Water vapour permeability μ | NPD | NPD | NPD | |
| Release of formaldehyde | E1 | E1 | E1 | |
| Release (content) of pentachlorophenol (PCP) | n.a. ^a | n.a. ^a | n.a. ^a | |
| Airborne sound insulation (surface mass) (R) | NPD | NPD | NPD | |
| Sound absorption α | NPD | NPD | NPD | |
| Thermal conductivity λ | NPD | NPD | NPD | |
| Durability | | | | |
| Swelling in thickness | 37 % | 30 % | 25 % | |
| Internal Bond | 0,50 N/mm ² | 0,50 N/mm ² | 0,50 N/mm ² | |
| Bending strength | 30 N/mm ² | 30 N/mm ² | 25 N/mm ² | |
| Biological durability | Dry conditions | | | |

Notes to table:
n.a. not applicable

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.

Signed for and on behalf of the manufacturer by:

| | | |
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| Dr. Michael Makas Head of R&D / QM (name and function) | Feldkirchen, 12/10/2013 (place and date of issue) | b.o. (signature)  |
|--|--|---|

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|------------------|------------|
| Date: 12/10/2013 | Revised: - |
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