

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

Reference number **02-0007-02**

Identification code of the product type
Hardboard oil tempered EN 622-2 HB.HLA 1

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.HLA 1	Internal use as a structural component in dry condition	2+	Materialprüfungsanstalt der Universität Stuttgart MPA Stuttgart – Otto-Graf-Institut (FMIPA) Postfach 80 11 40 70511 Stuttgart / Germany	No. 0672

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

Declared performance

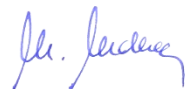
Essential characteristics	Performance				Harmonised technical specification
Thickness (mm)	≥ 2,5 to 3,5	> 3,5 to 5,5	> 5,5 to 6,0	> 6,0	EN 13986:2004
Reaction to fire	Class E	Class E	Class E	Class E	
Water vapour permeability μ	NPD	NPD	NPD	NPD	
Release of formaldehyde	E1	E1	E1	E1	
Release (content) of pentachlorophenol (PCP)	n.a. ^a	n.a. ^a	n.a. ^a	n.a. ^a	
Airborne sound insulation (surface mass) (R)	NPD	NPD	NPD	NPD	
Sound absorption α	NPD	NPD	NPD	NPD	
Thermal conductivity λ	NPD	NPD	NPD	NPD	
Durability					
Thickness swelling	17 %	15 %	12 %	12 %	
Internal bond	0,80 N/mm ²	0,70 N/mm ²	0,65 N/mm ²	0,65 N/mm ²	
Bending strength	38 N/mm ²	36 N/mm ²	34 N/mm ²	34 N/mm ²	
Mean stiffness	3800 N/mm ²	3600 N/mm ²	3100 N/mm ²	3100 N/mm ²	
Internal bond after boil test	0,50 N/mm ²	0,42 N/mm ²	0,35 N/mm ²	0,35 N/mm ²	
Biological durability	Use classes 1 & 2				

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:

Dr. Michael Makas Head of R&D / QM (name and function)	Feldkirchen, 02/09/2013 (place and date of issue)	b.o. (signature) 
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Date: 17/06/2013

Revised: 06/06/2014