

Declaration of Performance

Nr.002-CPR-30-07-2024



1) Unique identification code of the product-type:

Loke™ 40, Frigg™ 25, Frigg™ 40, Hugin™ 50, Loke™ Strong 40

2) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See product label.

3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Acoustic Wall Panel.

4) Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

PROSO AS and Norsk Akustikksenter AS, Djupadalskroken 26, 4046 Hasrsfjod, Norway.

5) Name and address to approved representative according Article 12(2):

Not relevant.

6) System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1.

7) In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 13964 : 2014 (Loke™ 40 White) and EN 15102:2007/A1:2011 (Frigg™ 40 white & Hugin™ 50 (25+25) white)

Element Materials Technology Rotterdam B.V.

Zekeringstraat 33, 1014 BV, Amsterdam, Netherlands

Company Reg. No. 24170257

Notified body No. 2812

8) If DoP concerns a construction good for which an european technical assessment has been made:

Not relevant.

9) Declared performance:

	Loke™ 40	Frigg™ 25	Frigg™ 40	Hugin™ 50 (Frigg™ 25+25)	Loke™ Strong 40
Reaction to fire					
- boards core	A2-s2, d0	A2-s1, d0	A2-s1, d0	A2-s1, d0	A2-s2, d0
- surface tissue		NPD	NPD	NPD	
- black fabric surface	NPD	NPD	NPD	NPD	NPD
- grey fabric surface	NPD	NPD	NPD	NPD	NPD
- white fabric surface	A2-s2, d0	B-s2, d0	B-s2, d0	B-s2, d0	A2-s2, d0
Formaldehyde class	E1	E1	E1	E1	E1
*Sound absorption α_w	1.00	0.90	0.95	1.00	0.95
Sound insulation R_w	12dB	NPD	NPD	NPD	NPD
Flexural strength	NPD	NPD	NPD	NPD	NPD
light reflectance	84%	NPD	NPD	NPD	81%
Shatter Properties	NPD	NPD	NPD	NPD	NPD
Thermal conductivity	0.033W/(m·K)	0.033W/(m·K)	0.033W/(m·K)	0.033W/(m·K)	0.033W/(m·K)
Thermal resistance	1.191(m ² ·K)/W	NPD	1.191(m ² ·K)/W	NPD	1.191(m ² ·K)/W
Anti-fungi	Passed by ASTM G21-15	Passed by ASTM G21-15	Passed by ASTM G21-15	Passed by ASTM G21-15	Passed by ASTM G21-15
Anti-bacterial	Passed by ISO 22196:2011	Passed by ISO 20743:2013	Passed by ISO 20743:2013	Passed by ISO 20743:2013	Passed by ISO 22196:2011
MSDS(Material Safety Data Sheet)	Don't contain any harmful substance mentioned in CAS A20	Don't contain any harmful substance mentioned in CAS A20	Don't contain any harmful substance mentioned in CAS A20	Don't contain any harmful substance mentioned in CAS A20	Don't contain any harmful substance mentioned in CAS A20
Emission Classification of Building Materials	M1	M1	M1	M1	M1
Impact resistance			1A		1A

NPD = No performance determined

* measured with 50mm air for Loke™ 40 and Frigg™ 25; 0mm air for Frigg™ 40 and Loke™ Strong 40; 1000mm air for Hugin™ 50
0mm air for Loke™ 40 is $\alpha_w = 0.90$

10) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

11) EPD (Environmental Product Declaration) and LCA (Life Cycle Assessment)

System boundary A1-D (Cradle to Gate):

Programme: The International EPD® System

Programme operator: EPD International AB

Box 210 60, 100 31 Stockholm, Sweden

EPD registration number: S-P-08557

Signed for and on behalf of the manufacturer by:

General manager Tang Jian Feng

