



**BUREAU
VERITAS**

CERTIFICATE

N^o 18094410

The present certificate confirms that produced by

Reideni plaat Ltd.

(address: Paide mnt 7, 80042 Pärnu, ESTONIA)

EXPANDED POLYSTYRENE BLOCKS
EPS TermoPlokk Silver and
EPS TermoPlokk Silver Pluss

conforms to the requirements of the standard EN 13163:2012+A2:2016 *Thermal insulation products for buildings. Factory made expanded polystyrene (EPS) products-Specification*. The appropriate characteristics and values of the blocks are shown in the table 1. The values based on the test results obtained in process of certification procedures by the laboratories those has the accreditation, and accordingly to the specified test the notified body status, and on the bases of the data mentioned in the product standard.

Table 1

Characteristic	Class or Level	Value and/or tolerance
Nominal dimensions of <i>EPS TermoPlokk Silver</i>	–	(1160 x 300 x 320) mm
Nominal dimensions of <i>EPS TermoPlokk Silver Pluss</i>	–	(1160 x 300 x 420) mm
Declared thermal conductivity (λ_D)	–	0,030 W/(m·K)
Length	L(3)	± 3 mm
Width/height	W(2)	± 2 mm
Squareness	S(2)	± 2 mm/1000 mm
Flatness	P(5)	5 mm
Dimensional stability under constant normal laboratory conditions	DS(N)2	± 0,2 %
Reaction to fire	E	–
Water vapour diffusion resistance index	–	30 to 70
Compressive creep	cc(2,5/1,5/10)30	$i_1 = 2,5 \%$; $i_2 = 1,5 \%$; 10 years (i.e. 30 x 122); $\sigma_c = 30$ kPa
Tensile strength perpendicular to faces	TR 200	≥ 200 kPa

This certificate presumes that *Reideni plaat Ltd.* follows continuously requirements of the above mentioned standard, operates consistently according to a implemented factory production control system those is documented according to the standard EN 13172:2012 *Thermal insulation products-Evaluation of conformity* requirements and this system has been approved by the certification body Bureau Veritas. Also, according to the certification module V(1+) the producer submits to the systematical surveillance those provide the periodical test of the product, inspection and evaluation of the factory production control system.

Original Certification date: 17.01.2013. The certificate is based on the resolution N^o 272 of 13th of September 2018 of the certification body and on the results of the performed surveillance procedures.

Certificate is valid until 12th of September 2023

Issued on 13th of September 2018



Tiit Hindreus
Country Manager