

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fixed, vertical road traffic signs – Part 1: Fixed signs

Supports supplied for fixed vertical signs, stock items, with specification and performance as specified on page 2-3 in this certificate.

Product name: Lattix 4438, Lattix 4430, Lattix 4425, Lattix 4425FR, Lattix 4420, Lattix 4420FR, Lattix 4412, Lattix 4412Steel, Lattix 4412FR

placed on the market under the name or trademark of

Juralco AS

Baker Østbysvei 5
NO-1351 RUD, Norway

and produced in the manufacturing plant

Lattix Production AB

Dingelvik, Karlsgärde 2
SE-666 94 Dals Långed, Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

EN 12899-1:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 2012-04-12 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.

Johan Åkesson
Product Certification Manager

Martin Tillander
Project Manager

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Specification

Lattix 4438

Support material	Aluminium
Support length max [mm]	8623
Support side width [mm]	375
Support module, length max [mm]	773
Base plate material	Steel
Base plate, side width [mm]	560
Base plate thickness [mm]	30

Lattix 4430

Support material	Aluminium
Support length max [mm]	8620
Support side width [mm]	300
Support module, length max [mm]	500
Base plate material	Steel
Base plate, side width [mm]	450
Base plate thickness [mm]	25

Lattix 4425

Support material	Aluminium
Support length max [mm]	8620
Support side width [mm]	246.5
Support module, length max [mm]	500
Base plate material	Steel
Base plate, side width [mm]	400
Base plate thickness [mm]	25

Lattix 4425FR

Support material	Aluminium
Support length max [mm]	8620
Support side width [mm]	246.5
Support module, length max [mm]	500
Base plate material	Steel
Base plate, side width [mm]	400
Base plate thickness [mm]	25

Lattix 4420

Support material	Aluminium
Support length max [mm]	8650
Support side width [mm]	197.5
Support module, length max [mm]	285
Base plate material	Steel
Base plate, side width [mm]	340
Base plate thickness [mm]	20

Lattix 4420 FR

Support material	Aluminium
Support length max [mm]	8650
Support side width [mm]	197.5
Support module, length max [mm]	285
Base plate material	Steel
Base plate, side width [mm]	300
Base plate thickness [mm]	20

Lattix 4412	
Support material	Aluminium
Support length max [mm]	6940
Support side width [mm]	125
Support module, length max [mm]	285
Base plate material	Aluminium
Base plate, side width [mm]	196
Base plate thickness [mm]	42

Lattix 4412Steel	
Support material	Aluminium
Support length max [mm]	6940
Support side width [mm]	125
Support module, length max [mm]	285
Base plate material	Steel
Base plate, side width [mm]	300
Base plate thickness [mm]	20

Lattix 4412FR	
Support material	Aluminium
Support length max [mm]	6940
Support side width [mm]	125
Support module, length max [mm]	285
Base plate material	Steel
Base plate, side width [mm]	200
Base plate thickness [mm]	20

Performance

	Lattix 4438	Lattix 4430	Lattix 4425, Lattix 4425FR	Lattix 4420, Lattix 4420FR
Resistance to horizontal loads Maximum bending moment, M_u [kNm]*)	152	92	68	40
Resistance to bending Stiffness for bending, EI [kNm ²]	5069	3600	1962	728
Resistance to torsion Maximum moment for torsion, T_u [kNm]*)	21	9.5	7.6	4.5
Stiffness for Torsion, GI_t [kNm ²]	630	331	134	71
Stiffness for Torsion, GI_t [kNm/(deg/m)]	11.0	64	2.33	1.24

	Lattix 4412, Lattix 4412Steel Lattix 4412FR (Parallel to massive walls)	Lattix 4412, Lattix 4412Steel Lattix 4412FR (Parallel to lattice walls)
Resistance to horizontal loads Maximum bending moment, M_u [kNm]*)	16	13
Resistance to bending Stiffness for bending, EI [kNm ²]	251	208
Resistance to torsion Maximum moment for torsion, T_u [kNm]*)	1.4	1.4
Stiffness for Torsion, GI_t [kNm ²]	18	18
Stiffness for Torsion, GI_t [kNm/(deg/m)]	0.32	0.32

*) The moments do not take into account the partial material factor (γ_m). EN 12899-1 gives a γ_m for aluminium of 1.15.

Performance under vehicle impact (passive safety) according to EN 12767:2007	Value
Lattix 4438, Lattix 4430, Lattix 4425, Lattix 4425FR, Lattix 4412, Lattix 4412Steel, Lattix 4412FR	100,NE,2
Lattix 4420, Lattix 4420FR	100,NE,3

Durability	Value/description
Resistance to corrosion (aluminum)	class SP2
Resistance to corrosion (steel)	class SP1 (hot dip galvanized)