



CERTIFIKAT

EC Certificate of Conformity No. 0402 - CPD - SC0444-12

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD - implemented in Swedish law by PBL), as later amended, it has been stated that the construction product

Aluminium support for fixed vertical traffic signs

Extruded aluminium supports with square cross-section

Product name: **Lattix 4438, Lattix 4425, Lattix 4420, Lattix 4412**

Characteristics and description, see Appendix.

placed on the market by

Lattix AS

Postboks 129, 1309 RUD, Norway

and produced in the factories

**Lattix AS, Baker Østbys vei 5, 1309 RUD, Norway
and at the production site MPL1**

for which the company and address documented in file at SP

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body

No. 0402 - SP Technical Research Institute of Sweden

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 12899-1:2007

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 20th April 2012 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly or at the latest until 20th April 2017. This is issue No. 1.

Borås 20th April 2012

**SP Technical Research Institute of Sweden
Certification - Notified Body No. 0402**



Lennart Aronsson
Product Certification Manager



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Certification Officer

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Swedish Notified Bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of Swedish legislation.
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Classification

Resistance to horizontal loads	Lattix 4438	Lattix 4425	Lattix 4420	Lattix 4412 (Parallel to massive walls)	Lattix 4412 (Parallel to lattice walls)
Maximum bending moment, M_u [kNm] ^{*)}	152	68	40	16	13
Stiffness for bending, EI [kNm ²]	5069	1962	728	251	208
Maximum moment for torsion, T_u [kNm] ^{*)}	21	7.6	4.5	1.4	1.4
Stiffness for Torsion, $G I_t$ [kNm ²]	630	134	71	18	18
Stiffness for Torsion, $G I_t$ [kNm/(deg/m)]	11.0	2.33	1.24	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 12767:2000	Value
Lattix 4438, 4425, 4412	100,NE,2
Lattix 4420	100,NE,3

Durability	Value/description
Resistance to corrosion	Aluminium, class SP2

Product description

Dimensions etc	Lattix 4438	Lattix 4425	Lattix 4420	Lattix 4412
Support, length max [mm]	8623	8620	8650	6940
Support side, width [mm]	375	246.5	197.5	125
Support module, length max [mm]	773	500	285	285
Base plate, side width [mm]	560	400	340	196