Certificate of Conformity
No. 2036/2013

Inspecta

Inspecta Latvia has granted this certificate as proof that

Fibre-reinforced polymer (FRP) reinforcement bars with nominal diameter 6, 8, 10 mm
(according to Annex),

PRODUCED BY THE MANUFACTURER:

SIA „ALBA-LTD"

ADDRESS:
SIA „ALBA-LTD", Brāļu Skrindu iela 17, Rēzekne, LV-4601, Latvia; reg. No. 42403004934

ADDRESS OF MANUFACTURER:
SIA „ALBA-LTD", Varoņu iela 36B, Rēzekne, LV-4601, Latvia

CERTIFIED ACCORDING:

Certification scheme based on initial type testing of product (Test reports: No. 20-8.2013.24 (2013.02.07.) issued by GTC, Lithuania; No. 589 (2013.06.13.), No. 595A (2013.08.14.), No. 596A (2013.08.26.) issued by University of Latvia, Institute of Polymer Mechanics, No. T13-38 (2013. 12.28.) No. T17-13 (2013.10.25.) issued by Riga Technical University.

PRODUCT COMPLIES WITH THE REQUIREMENTS OF STANDARDS:

EN 13501-1+A1:2010 „Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests": reaction to fire class D-s3,d0.
Technical specifications of manufacturer TУ 5769-001-83269053-2010.

CERTIFICATE ISSUED ON: 11.02.2014.
CERTIFICATE VALID UNTIL: 01.08.2016.

AKCIJU SABIEDRĪBA Inspecta SERTIFICĒŠANAS INSTITŪCIJA INSPECTA LATVIA

Martins Maskavs
Certification Manager

Certificate was first issued on 18.07.2013. and remains valid as long as the conditions laid down in the above mentioned standard, related provisions and the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Certificate is issued on 1 (one) page with Annex on 1 (one) page

AS Inspecta Latvia
Skanstes iela 54A, Rīga
LV-1013, Latvija
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CEOC INTERNATIONAL

BB ANC

Inspecta

Product: Fibre-reinforced polymer (FRP) reinforcement bars.

Manufacturer: SIA „ALBA-LTD", Varoņu iela 36B, Rēzekne, LV-4601, Latvia

1. Mechanical properties.

Bar diameter, mm	**Tensile strength,** N/mm^2	**Ultimate strain,** %	**Tensile rigidity,** N	**Young's modulus,** N/mm^2
6	≥990	≥2,20	≥860	≥42000
8	≥1100	≥2,20	≥1700	≥42000
10	≥1050	≥2,45	≥2500	≥42500

2.1. Mechanical properties of FRP bar in concrete.

Bar diameter, mm	**Concrete**	**Bond strength by pull-out testing,** kN
6	C 30/37	≥ 25

2.1. Mechanical properties of FRP bar in concrete.

Bar diameter, mm	**Concrete**	**Concrete beam,** dimensions, mm	**Tensile bending stress in concrete beam at failure,** kN/m
6	C 30/37	100x150x1400	≥ 7
8	C 30/37	100x150x1400	≥ 15
10	C 30/37	100x150x1400	≥ 12

Martins Maskavs
Certification Manager

AKCIJU SABIEDRĪBA Inspecta SERTIFICĒŠANAS INSTITŪCIJA INSPECTA LATVIA

Annex issued on 1 (one) page

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