

CERTIFICATE

of Conformity of the Factory Production Control

1922 - CPR - 1453

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 products

High-strength structural bolting assemblies for preloading and Non-preloaded structural bolting assemblies

(The relevant types and sizes of the products are described in Annex I that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

SINGHANIA INTERNATIONAL LTD.

C-25, PHASE-1, FOCAL POINT, DHANDARI KALAN, LUDHIANA, PUNJAB, PIN Code 141010, INDIA

and produced in the manufacturing plant

SINGHANIA INTERNATIONAL LTD.

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

EN 14399-1:2015 and EN 15048-1:2007

under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 02.12.2020 and will remain valid until 02.12.2023 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal-bg.net.



Attestation &
Certification

Manager:

Banuba



dipl. eng. Anna Vasileva

Issued:
Burgas, 02 December 2022

Ref. No. 02-00

ANNEX I TO CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL 1922-CPR-1453/ 02.12.2022

14399-1 - High-strength structural bolting assemblies for preloading.

Size - from M12 to M36

Coating - Black, Zinc plated, Hot dip galvanized

Characteristics	HV Bolts Grade - 10.9	HV Nuts Grade - 10	Washers
Dimensions	X	X	X
Elongation	X	-	-
Minimum tensile strength	X	-	-
Strength under wedge loading	X	-	-
Proof load	X	X	-
Impact strength	X	-	-
Hardness	X	X	X

15048-1 Non-preloaded structural bolting assemblies.

Size - from M6 to M36

Coating - Black, Zinc plated, Hot dip galvanized

Characteristics	Bolts Grade - 4.8; 5.6; 6.8; 8.8; 10.9; 12.9	Nuts Grade - 5; 8; 10; 12	Washers
Dimensions	X	X	X
Elongation after fracture	X	-	-
Minimum tensile strength	X	-	-
Lower yield strength or Stress at 0,2 % non-proportional elongation	X	-	-
Stress under proof load	X	X	-
Strength under wedge loading	X	-	-
Hardness	X	X	X
Impact strength	X	-	-



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