



Declaration of Performance (DOP)

According To Annex III of Regulation No:305/2015

DOP.NO :BRK/15/0001

1. Unique identification code of the product type:

BR5B15048-1

2. Identification of the construction product (Acc to article 11 par.4):

BR0461102C

M12 Hex Set Screw (8.8SB)-HDG

3. Intended Use (s) of the construction product:

General Building & Engineering Structures

4. Name, Registered Trade Mark and contact address of the manufacturer (Acc to article 11 par.5):

M/s BRK INDUSTRIES

C-65, Phase-5, Focal Point

Ludhiana-141010, Punjab,(INDIA)

5. Name and contact address of the authorized representative (Acc to article 12 par.2):

Surinder pal Singh

M/s BRK INDUSTRIES

C-65, Phase-5, Focal Point

Ludhiana-141010, Punjab,(INDIA)

6. System of assessment and verification of construction product (Acc to Annex v)

EN 15048-Part 1, System 2+

7. Name and identification of Notifying Body:

EC Certificate of Conformity No. [0045-CPR-1937]

Notified Body: TUV Nord Systems Gmbh & Co.KG

8. European technical Assessment for Construction of Product: Not Applicable





9. Declared Performance

Declared Performance		
Essential Characteristics	Performance	Harmonized Technical Specification
Bolt: 1. Tensile Strength 2. Stress at 0.2% non Proportional Elongation 3. Proof Load 4. Wedge Load 5. Hardness (Rockwell) 6. Elongation % 7. Impact Strength 8. Release of dangerous substance 9. Durability (Corrosion Protection)	800 MPa Min. 640 MPa Min. 50.700 KN Min. 70.000 KN Min. 22-32 HRC 12 Min N.A Less than 0.2 ppm Min.coating thickness 40microns	EN 15048-Part 1 & 2
Nut: 1. Proof Load 2. Hardness 3. Release of dangerous substance 4. Durability (Corrosion Protection)	88.500 KN/min. 272-353 HV Less than 0.2 ppm Min.coating thickness 40microns	
Washer: 1. Hardness 2. Release of dangerous substance 3. Durability (Corrosion Protection)	100 HV Min. Less than 0.2 ppm Min.coating thickness 40microns	
Assemblies: 1. Tensile Resistance of the assembly 2. Durability (Corrosion Protection)	70.000 KN Min Min.coating thickness 40microns	

10. The performance of the product identified in Points 1 & 2 is in conformity with the declared performance in point 9. This declaration of Performance is issued under the sole responsibility of the manufacturer identified in Points 5.

Signed for and on the behalf of the manufacturer by :

Surinder pal singh

 Sr. Quality Manager

