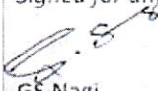




DEEPAK FASTENERS LIMITED



SN	DECLARATION OF PERFORMANCE (DoP)			
1	Product Size	M12	Ref. No.	DF062013/3433
2	Product Grade	8.8	Finish	BZP
3	Product Type	Non Preloading Structural Bolting Assembly		
4	Product reference standard	EN 15048- Part 1&2		
5	Intended Use	General building & engineering structures		
6	Manufacturer	M/s Deepak Fasteners Limited		
7	Address of the Manufacturer	4 th Floor, First Mall, The Mall, Ludhiana-141001, Punjab (INDIA)		
8	Contact No. of the Manufacturer	+91-161-3911111, Extension No.- 1105		
9	Name & identification no. of notifying body	TUV Nord Systems GmbH & Co. KG; 0045		
10	Factory Production Control certificate No.	FPC report no. 0045-CPD-1502		
11	Authorized Representative	Mr. G.S. Nagi (Vice President)		
12	Declared Performance			
	Essential Characteristics	Performance	Harmonized Specification	
	Bolt: 1. Tensile Strength 2. Stress at 0.2% non proportional elongation 3. Stress under Proof Load 4. Strength under wedge loading 5. Hardness (Rockwell) 6. Impact Strength 7. Release of dangerous substances 8. Durability (Corrosion Protection)	800 MPa (Min. 640 MPa (Min.) 580 MPa (Nominal) Pass with 6° 22-32 HRC Minimum 27 J at -20°C Less than 0.2 ppm Min. coating thickness 8 microns	EN 15048- Part 1 & Part 2	
	Nut: 1. Proof Load 2. Hardness 3. Release of dangerous substances 4. Durability (Corrosion Protection)	74,200 N 200-302 HV Less than 0.2 ppm Min. coating thickness 8 microns		
	Washers: 1. Hardness 2. Release of dangerous substances 3. Durability	Minimum 100 HV Less than 0.2 ppm Min. coating thickness 8 microns		
	Assemblies: 1. Tensile Resistance of the assembly 2. Durability (Corrosion Protection)	70.00 KN (Minimum) Min. coating thickness 8 microns		
13	The performance of the product identified in point1&2 is in conformity with the declared performance in point 12. This declaration of performance is issued under the sole responsibility of the manufacturer identified in Point 7. Signed for and on behalf of the manufacturer by:			
	 GS Nagi (Vice President)			