A Tata Steel Enterprise

Declaration of Performance

Number: 13 Revision

Product Type: CGE50/100

The Manufacturer

Catnic
A Tata Steel Enterprise
Pontypandy Industrial Estate
Caerphilly
CF83 3GL

Declares in compliance with the Construction Products Regulation (EU) No. 305/2011, that the steel lintels listed below are manufactured according to the requirements of the European Harmonised Standard EN 845-2: 2003 and fulfil the conditions for CE Marking in accordance with annex ZA of EN 845-2: 2003.

The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3 (System 3 of Assessment and Verification of Constancy of Performance).

The Notified Testing Laboratory

University of Glamorgan Commercial Services
Centre for Engineering, Research and Environmental Applications (CEREA)
Llantwit Road
Treforest
Pontypridd
CF37 1DL
(No. 1679)

Performed determination of the product - type on the basis of type testing (based on sampling carried out by the manufacturer) and issued test reports.

Intended Use of the Construction Product

Lintels to be used in walls and partitions (to support loads over openings in masonry walls with a semi - structural role in the works).

Essential Characteristics	Lintel Length (mm)			Harmonised Technical Specification
	900 - 1500	1800 - 2100	2400 - 2700	
Load Bearing Capacity (kN)	25	22	20	
Figures shown are safe working loads				
Deflection Under Load	Less than Effective Span/325 at safe working load			EN 845 - 2: 2003
Water Absorption	Zero			
Water Vapour Permeability	Not Applicable			
Mass per unit area (kg/m^2)	76.9	70.1	86.9	
Thermal Resistance	50 W/mK (steel) and 0.038 W/mK (EPS)			
Resistance to Fire	NPD (see Catnic for project specific details)			
Durability (against corrosion)	Material Coating Reference L14 or 16.2			
Durability (against freeze/thaw)	Resistant			
Dangerous Substance	None			
Nominal Height (mm)	95	115	115	
Mass (kg/m)	7.31	8.06	9.99	
Minimum Bearing Length (mm)	150			

Signed on behalf ot the manufacturer by: Richard Price (Technical Director)

Catnic 16/04/2013

(place & date of issue) (signature)