

## SteelMaster 60SB EN 13381-8:2010

### 1. Product name

SteelMaster 60SB

### 2. Product Type and batch numbers

Solvent based thin film intumescent coating.  
Batch number as indicated on the packaging.

### 3. Intended use

Fire protection of various sizes of structural steel 'H' or 'I' section beams, columns and hollow columns (rectangular and circular) for a fire resistance period ranging from 15 minutes (R15) up to 90 minutes (R90) and for design temperatures in the range of 350°C to 750°C.

### 4. Registered manufacturer name

Jotun A/S  
PO Box 2021  
Sandefjord, N-3202  
Norway

### 5. Manufacturing plant

Jotun Paints (Europe) Ltd  
Flixborough, Scunthorpe  
DN15 8RR  
United Kingdom

### 6. Notified body


DBI Certification, Notified Body No. 2531  
European Technical Assessment ETA 20/1294  
Certificate of conformity CE 2531-CPR-CXO10114

### 7. Assessment and verification of constancy of performance (ACVP)

Product	Intended use	Levels or Classes	System
Fire protective product	Fire protection of steel elements	Any	1

## 8. Declared performance

Essential characteristics	Assessment of characteristic	Technical document reference
<b>Safety in case of fire</b>		
Resistance to fire	R15 to R90 I/H beams and columns Including slow heating curve	EN 13501- 2 EN 13381-8:2010
Reaction to fire	Class D-s1, d0 with top coat (all colours)	EN 13501-1
<b>Hygiene, health and environment</b>		
Content, emission or release of dangerous substances	The product specification has been compared with Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern to verify that it does not contain such substances above the acceptable limits.	Declaration of manufacturer
<b>General aspects relating to product performance</b>		
Primer compatibility	Compatible with generic types: Two pack epoxy primer	ETAG 018-2 Clause 5.7.2.1
Top coat compatibility	Compatible with: Hardtop XP, 2k aliphatic acrylic PU Pilot ACR, one component acrylic Pioner, one component acrylic	ETAG 018-2 Clause 5.7.2.1
Environmental conditions	Passed Types: Z1 and Z2 without top coat Y, Z1 and Z2 with top coat	ETAG 018-2 Clause 5.7.2.2


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Jotun A/S PO Box 2021 N-3202 Sandefjord Norway  Manufacturing site: Jotun Paints (Europe) Ltd. Flixborough, Scunthorpe, DN15 8RR United Kingdom
SteelMaster 60SB
PFP/DoC2021/001
EAD 350402-00-1106 ETAG018-2, edition 2011 used as European Assessment Document (EAD) ETA N° 20/1294 Notified body No. 2531
Use: Reactive coating for Fire Protection of Steel Elements
Resistance to Fire EN 13501-2: R15 to R90 Reaction to Fire EN 13501-1: Class D-s1, d0
See Declaration of Performance for further details and all relevant characteristics <a href="http://www.jotun.com">www.jotun.com</a>

## 9. Declaration

The performance of the product identified in point 1 is in conformity with the declared performance in point 8. This declaration of performance (DOP) is issued under the sole responsibility of the manufacturer identified in point 5.

Signed for and on behalf of the manufacturer by:



James Irving  
R&D Manager Intumescent Coatings  
Flixborough 28th of January 2021