

SteelMaster 600WF EN 13381-8:2013

1. Product name

SteelMaster 600WF

2. Product Type and batch numbers

Water 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 and columns 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 20/1297
Certificate of conformity CE 2531-CPR-CXO10116

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
Safety in case of fire		
Resistance to fire	R15 to R90 I/H beams and columns Including slow heating curve	EN 13501- 2 EN 13381-8:2013
Reaction to fire	Class B-s1, d0 without top coat. Class B-s1, d0 with top coat (all colours)	EN 13501-1
Hygiene, health and environment		
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
Clause 2.2.3.1 SVOC and VOC	$R = \sum C_i / LCI_i : 0.8 \text{ mg/m}^3$ after 28 days	ISO EN 16516:2017
General aspects relating to product performance		
Primer compatibility	Compatible with generic types: Two pack epoxy primer Short oil alkyd primer Compatible with hot-dip galvanised steel + two pack epoxy primer	EAD 350402-00-1106
Top coat compatibility	Compatible with: Hardtop XP, 2k aliphatic acrylic PU Hardtop AX, 2k aliphatic acrylic PU Hardtop ECO, 2k aliphatic acrylic PU Pioner, one component acrylic	EAD 350402-00-1106
Environmental conditions	Passed Types: Z1 and Z2 without top coat Z1 and Z2 with Hardtop ECO Y, Z1 and Z2 with Hardtop XP, AX and Pioner top coat	EAD 350402-00-1106


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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 600WF
PFP/DoC2021/003
EAD 350402-00-1106 ETA N° 20/1297 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 B-s1, d0
See Declaration of Performance for further details and all relevant characteristics www.jotun.com

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