

IMI Precision Engineering
 IMI Webber Ltd.
 Dr Patrick Williams, Technical Manager
 Tel: +44 (0) 117 304 2616
 E-Mail: patrick.williams@imi-precision.com



02 November 2015

IMI Webber Ltd.
 City Business Park
 Easton Road
 Bristol
 United Kingdom
 BS5 0SP

Supplier Statement

Item: VRW valve series
Topic: Fire and Smoke Compliance to EN 45545

Phone: +44 (0) 117 304 2600
 Fax: +44 (0) 117 955 1400

Registered in England: No 1416237

To all concerned,

we hereby declare the fire and smoke compliance of our VRW valve series according to EN45545. This applies to the unprotected moulding and plastic material exposed to the environment.

For the requirement sets R22 (interior applications) and R23 (exterior applications) the test results for

- determination of burning behaviour by oxygen index (EN ISO 4589-2)
- smoke generation (EN ISO 5659-2)
- analysis of gaseous effluents (toxicity, NF X 70-100-1 and -2)

and achieved hazard levels (HL) are as follows:

EN45545 Test Method, Limits and Hazard Levels				Test Results VRW Valve				
Test Method Reference	Parameter Unit	Maximum or Minimum	HL1	HL2	HL3	VRW Valve test result	HL VRW R22	HL VRW R23
T01 EN ISO 4589-2 OI	Oxygen content %	Minimum	R22: 28 R23: 28	R22: 28 R23: 28	R22: 32 R23: 32	33,9	HL3	HL3
T10.03 EN ISO 5659-2 25 kWm-2	DS max dimensionless	Maximum	R22: 600 R23: -	R22: 300 R23: 600	R22: 150 R23: 300	224	HL2	HL3
T12 NF X 70-100-1 &-2 600°C	CITNLP dimensionless	Maximum	R22: 1,2 R23: -	R22: 0,9 R23: 1,8	R22: 0,75 R23: 1,5	0,24	HL3	HL3

Engineering GREAT Solutions

For more detailed test results and official test report please refer to the attached document " Crepim Smoke and Fume report TSG 30_4 to NF X 70_100_1 and 2.pdf", dated February 28th, 2014.

Yours faithfully,

Dr. Patrick Williams
 IMI Webber Ltd.

- IMI NORGRN.
- IMI BUSCHJOST.
- IMI FAS.
- IMI HERION.
- IMI MAXSEAL.



ISO 9001:2008
 FM 58232



ISO/TS 16949:2009
 TS 515411-00



ISO 14001:2004
 EMS 73902



OSHAS 18001:2007
 OHS 509336



IMI plc is registered in England
 No.714275