



# Declaration of performance EURA / EURA-R

## Declaration of performance NO. 0432-CPR-2013/EUR

**Product: EURA / EURA-R**  
**Type: 30-3 through 240-17**

Natural smoke and heat exhaust ventilators (NSHEV) intended to be installed in smoke and heat control systems in buildings

Manufacturer: Brakel Aluminium b.v.  
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System: **System 1**

Notified factory production control certification body No. 0432 MPA, Germany performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

MPA has distributed the following reports:

Definition	Reportnr	Definition	Reportnr	Definition	Reportnr
Certificate Eura-(R)	0432-CPD-210005849	Snowload (D)	1368-CPD-P-237-2010-D	Factory control (FPC)	Nr. 210004357-2012
	0432-CPD-210003448		1368-CPD-P-220-2009-D		
	0432-CPD-210005849		1368-CPD-P-218-2010-D		
	0432-CPD-210005849		1368-CPD-P-224-2009-D		
Classification report	210005429-WB-KB		1368-CPD-P-155-2009-D (du)		
	210003448-WB-KB		1368-CPD-T-221-2008-D (eng)		
	210003448-WB-KB		488-2005		
	210005690-WB-KB		491-2005		
Heat exposure B300	210005431-WB (alleen ontwerp)		494-2005		
	210005429-WB		497-2005		
	210003448-WB		500-2005		
	210005690-WB		503-2005		
Aerodynamic (B)	1368-CPD-P-147-2009-B	SL + T (D+E)	2011-Efectis-R0734		
	1368-CPD-P-080-2007-B		2011-Efectis-R0734		
	49-2006		2011-Efectis-R0734		
	1368-CPD-P-77-2006-B		2011-Efectis-R0323		
	045-2005		2011-Efectis-R0323		
	1368-CPD-P-096-2007-B		2011-Efectis-R0323		
	1368-CPD-P-095-2007-B		2011-Efectis-R0323		
	1368-CPD-P-094-2007-B		2011-Efectis-R0323		
Reliability (C)	1368-CPD-P-236-2010-C		2011-Efectis-R0323		
	1368-CPD-P-148-2009-C		2011-Efectis-R0323		
	1368-CPD-P-217-2010-C		2011-Efectis-R0323		
	1368-CPD-P-223-2009-C		2011-Efectis-R0323		
	499-2005		IBS 11091501		
	496-2005		IBS 11091501		
	493-2005	Windload (F)	1368-CPD-P-238-2010-F		
	490-2005		1368-CPD-P-221-2009-F		
	487-2005		1368-CPD-P-219-2010-F		
	502-2005		1368-CPD-P-225-2009-F		
			501-2005		
			498-2005		
			495-2005		
			492-2005		
			489-2005		
			504-2005		



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### Declared performance:

Essential characteristics	Performance	Harmonised technical specification
<b>Nominal activation conditions/ sensitivity, as:</b> -Initiation device -Opening mechanism -Inputs and outputs	Pass Pass Pass	<b>EN 12101-2: 2003</b>
<b>Response delay (response time), as:</b> -Reliability -Opening under (snow, wind) load -Low ambient temperature -Fire performance	≤ 60 s	
<b>Operational reliability, as:</b> -Reliability	Re 1000 DP* Re 300 DP* (PBM)	
<b>Effectiveness of smoke/hot gas extraction, as:</b> -Aerodynamic free area	See reports 1368-CPD-P-147-2009-B 1368-CPD-P-080-2007-B 1368-CPD-P-77-2006-B 1368-CPD-P-094-2007-B 1368-CPD-P-095-2007-B 1368-CPD-P-096-2007-B 045-2006 49-2006	
<b>Performance parameters under fire conditions, as:</b> -Resistance to heat -Mechanical stability -Reaction to fire	B30030 Pass E	
<b>Ability to open under environmental conditions, as:</b> -Opening under load  -Low ambient temperature -Stability under wind load -Resistance to wind-induced vibration (where included)	SL 750 PBM / PB / PB10bar SL 650 M SL ≤ 2000 P2B T(-15) WL 1500 Pass	
<b>Durability</b>	Pass	

DP\* = Natural ventilation and Fire ventilation (10.000x + 1000x or 300x)

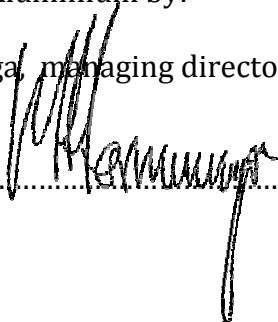
De performance of the Eura / Eura-R 30-3 through 240-17 is in conformity with the declared performance here above.

This declaration of performance is issued under the sole responsibility of Brakel Aluminium and contains 2 pages:

Signed for and on behalf of Brakel Aluminium by:

M. Homminga, managing director Brakel Aluminium b.v.

Uden, 25-4-2013



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