

EC CERTIFICATE OF CONFORMITY

0432 – CPD – 210003447

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the harmonisation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by Directive 93/68/EEC of the Council of European Communities of 22 July 1993, implemented in Germany by the Construction Products Law - BauPG of 28 April 1998, it is confirmed that

the construction product

INOVA

[Natural Smoke and Heat Exhaust Ventilator (NSHEV)]

produced by the manufacturer

**Brakel Aluminium b. v.
Postbus 524
NL-5400 AM UDEN**

at the production site: **Brakel Aluminium b. v., Postbus 524, NL-5400 AM Uden**

- was submitted to a factory production control by the manufacturer
- and that the approved body – **MPA NRW** (notified body no. 0432) – has performed
- the initial type-testing of the product
 - the initial inspection of the production site and of the factory production control and
 - the continuous surveillance, assessment and approval of the factory production control.

This EC Certificate of Conformity confirms that all regulations concerning the attestation of conformity and the performances of the product described in Annex ZA of the harmonised standard

DIN EN 12101-2: 2003-09

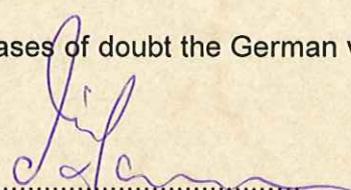
were applied. See annex to this EC Certificate of Conformity for special notes on application.

This EC Certificate of Conformity was first issued on 20.10.2006. It shall be valid as long as the conditions laid down in the standard specified above are not modified and the manufacturing conditions at the production site or the FPC itself are not modified significantly.

The original of this document was issued in German language. In cases of doubt the German version shall prevail

Dortmund, 20.11.2006




Frank Diekmann, Dipl.-Ing.
Head of the certifying body
by proxy

**Annex to the EC Certificate of Conformity
No 0432 – CPD – 210003447
of 20.11.2006**

The EC Certificate of Conformity no: 0432 – CPD – 210003447 is valid for Natural Smoke and Heat Exhaust Ventilators (NSHEV) of the company

**Brakel Aluminium b. v.
Postbus 524
NL-5400 AM UDEN**

with the product names

INOVA

and the following essential characteristics:

Essential characteristics	Paragraph	Classification *)	Approval	Testing body
Initiation device, opening mechanism	4.1 4.2	thermal-pneumatic thermal-electrical optical-electrical	EN12259-1	0432
Operational reliability	7.1	Re 1000 (type B)	20/2005 23/2005	1368
Operational reliability, wind load	7.4	WL 1500	22/2005	1368
		WL 3000	25/2005	
		WL 5000	115/2004	
Efficiency of the smoke and heat exhaust system, aerodynamic free area of the ventilator	6	A _a values *)	1/2005	1368
Performance in case of fire, resistance to fire - mechanical integrity	7.5	B 300	210003447-WB-KB	0432
Opening under environmental conditions	7.2	SL 0	21/2005 24/2005	1368
	7.3	T (00)	not required	1368
Fire behaviour of the materials	7.5.2.1	E	210003447-WB-KB	0432

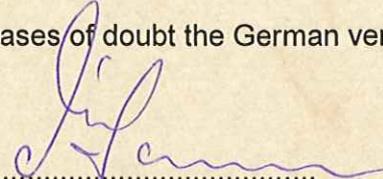
*) The A_a values can be found in the stated approvals. A_a values and classifications are only valid for NSHEVs of the dimensions, equipments and mounting positions described in the pertaining approvals.

This annex (version of 20.11.2006) is only valid in connection with the above-mentioned EC Certificate of Conformity.

The original of this document was issued in German language. In cases of doubt the German version shall prevail.

Dortmund, 20.11.2006




Frank Diekmann, Dipl.-Ing.
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