

EC-CERTIFICATE OF CONFORMITY

0336 - CPD - 8561

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive-CPD), amended by Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Natural smoke and heat exhaust ventilator

Commercial name(s):

Estra

placed on the market by
Brakel Aluminium B.V.

and produced in the factory
Brakel Aluminium B.V.
Linie 48
5405 AN Uden
The Netherlands

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the approved body 1234-Efectis Nederland B.V. have performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control system are inspected by 0336-TÜV Rheinland Nederland B.V. and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 12101-2

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on **May 25th, 2007** and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Apeldoorn, January, 2012

TÜV Rheinland Nederland B.V.
Boogschutterstraat 11A
NL - 7324 AE Apeldoorn
The Netherlands



Managing Director TÜV Rheinland Nederland B.V.

This certificate consists of 1 certificate and 1 annex of 2 pages

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Annex 1 (page 1 of 2)

Natural smoke and heat exhaust ventilator

Commercial name(s):

Estra

Field of Application

Estra, electrical operated with single glazed louvres

Wmin [mm]	Wmax [mm]	Lmin [mm]	Lmax [mm]
400	1.500	700	3.000

Estra, electrical operated with double glazed insulated louvres

Wmin [mm]	Wmax [mm]	Lmin [mm]	Lmax [mm]
400	1.600	700	3.000

The classifications for these dimensional ranges are:

- Cv : 0,57
- WL 1500
- Re 1000 (+ 10000) for the whole range
- B 300
- T (00)
- SL 0

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Annex 1 (page 2 of 2)

Natural smoke and heat exhaust ventilator

Commercial name(s):

Estra

Field of Application

Estra, pneumatic operated with single glazed louvres

Wmin [mm]	Wmax [mm]	Lmin [mm]	Lmax [mm]
400	1.500	700	3.000

Estra, pneumatic operated with double glazed insulated louvres

Wmin [mm]	Wmax [mm]	Lmin [mm]	Lmax [mm]
400	1.600	700	3.000

The classifications for these dimensional ranges are:

- Cv : 0,57
- WL 1500
- Re 1000
- B 300
- T (00)
- SL 0

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