

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_V23_EN A-04-2015

| | |
|--|--|
| 1. Unique identification code of the product-type: | Smoke evacuation damper HOT 400/30 |
| 2. Identification of the construction product: | VU90-HOT |
| 3. Intended use(s) of the construction product: | Smoke evacuation damper HOT 400/30 to be used in conjunction with partitions to maintain fire compartments. |
| 4. Name and contact address of the manufacturer: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 5. System of assessment and verification of constancy of performance of the construction product: | System 1 |
| 6. In case of the declaration of performance concerning a construction product covered by a harmonised standard: | Notified factory production control certification body IBS with identification number 1322 performed the determination of the product type on the basis of type testing (including sampling), the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the certificate of constancy of performance 1322-CPR-74138/01 |
| 7. Declared performance according to EN 12101-8:2011 | (fire resistance according to EN 1366-10, classification according to EN 13501-4) |

| Essential characteristics | | | | | Performance |
|-------------------------------------|---------------|---|--|--------------|---|
| Range | Wall type | Wall | Sealing | Installation | Classification |
| 200x200 mm ≤ VU90-HOT ≤ 1200x800 mm | Rigid wall | Aerated concrete ≥ 100mm | Mineral wool + coating ≥ 150 kg/m ³ | 1 | EI 90 (v _e i ↔ o) S HOT400/30 MULTI |
| | Flexible wall | Metal studs gypsum plasterboard Type F (EN 520) ≥ 100mm | Mineral wool + coating ≥ 150 kg/m ³ | 1 | EI 90 (v _e i ↔ o) S HOT 400/30 MULTI |
| | Rigid floor | Aerated concrete ≥ 150mm | Mineral wool + coating ≥ 150 kg/m ³ | 1 | EI 90 (h _o i ↔ o) S HOT 400/30 MULTI |

1 Type of installation: built-in 0/90/180/270°



Nominal activation conditions/sensitivity:

Response delay (response time): closure time

Operational reliability: cycling

Durability of response delay:

Durability of operational reliability:

High operational temperature (HOT 400/30):

Pass
Pass
B(L)E - 10000 cycles
Pass
Pass
Pass

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:
Barbara Willems, Technical Manager

Oosterzele, 04-2015



Harmonised standard
EN 12101-8:2011