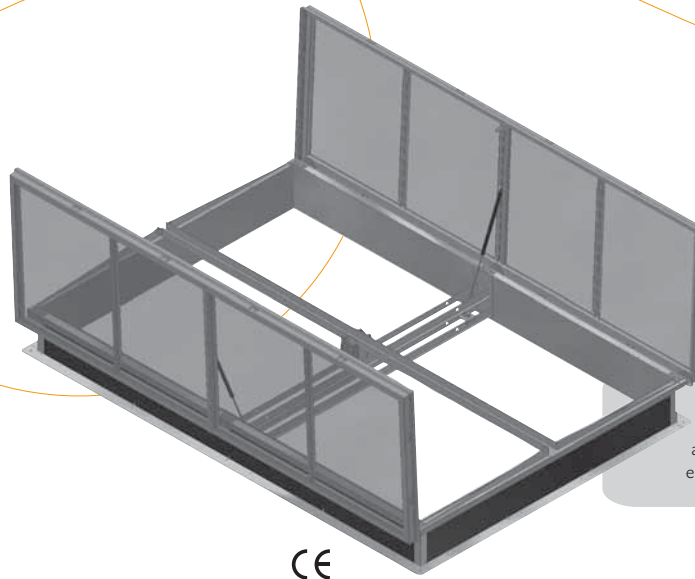


Waterproofed  
roof

Product line **HEXADOME**

# Hexasteel Feu DO

Smoke vents range



NSHEV Double Flaps  
(Opening only)

CE - This smoke vent meets the European regulation EN 12101-2 in force.

Hexasteel Feu DO (two opening flaps) is designed for waterproofed roof, and can be controlled via a pneumatic or an electric signal (24VE, 24VR, 48VE or 48 VR).

CE

Dimensions

Performances

| Inner dimensions   | Filling      | Snow load | Activation   | Geometrical Area (Av) in m <sup>2</sup> | Aerodynamical Area (Aa) in m <sup>2</sup> | Force of the piston Stroke: 350 mm |
|--------------------|--------------|-----------|--------------|---|---|------------------------------------|
| 120 x 240 straight | PCA 10 or 16 | SL 125    | Opening only | 2,88                                    | 1,15                                      | 2 x 600 N                          |
| 120 x 240 straight | DD / CAI     | SL 125    | Opening only | 2,88                                    | 1,15                                      | 2 x 800 N                          |
| 120 x 250 straight | PCA 10 or 16 | SL 125    | Opening only | 3,00                                    | 1,20                                      | 2 x 600 N                          |
| 120 x 250 straight | DD / CAI     | SL 125    | Opening only | 3,00                                    | 1,20                                      | 2 x 1000 N                         |
| 120 x 300 straight | PCA 10 or 16 | SL 125    | Opening only | 3,60                                    | 1,44                                      | 2 x 800 N                          |
| 120 x 300 straight | DD / CAI     | SL 125    | Opening only | 3,60                                    | 1,44                                      | 2 x 1200 N                         |
| 150 x 250 straight | PCA 10 or 16 | SL 125    | Opening only | 3,75                                    | 1,50                                      | 2 x 800 N                          |
| 150 x 250 straight | DD / CAI     | SL 125    | Opening only | 3,75                                    | 1,50                                      | 2 x 1200 N                         |
| 150 x 300 straight | PCA 10 or 16 | SL 125    | Opening only | 4,50                                    | 1,80                                      | 2 x 800 N                          |
| 150 x 300 straight | DD / CAI     | SL 125    | Opening only | 4,50                                    | 1,80                                      | 2 x 1200 N                         |
| 160 x 250 straight | PCA 10 or 16 | SL 125    | Opening only | 4,00                                    | 1,60                                      | 2 x 800 N                          |
| 160 x 250 straight | DD / CAI     | SL 125    | Opening only | 4,00                                    | 1,60                                      | 2 x 1200 N                         |
| 160 x 300 straight | PCA 10 or 16 | SL 125    | Opening only | 4,80                                    | 1,92                                      | 2 x 1000 N                         |
| 160 x 300 straight | DD / CAI     | SL 125    | Opening only | 4,80                                    | 1,92                                      | 2 x 1200 N                         |
| C180 straight      | PCA 10 or 16 | SL 125    | Opening only | 3,24                                    | 1,30                                      | 2 x 1200 N                         |
| C180 straight      | DD / CAI     | SL 125    | Opening only | 3,24                                    | 1,30                                      | 2 x 800 N                          |
| 180 x 250 straight | PCA 10 or 16 | SL 125    | Opening only | 4,50                                    | 1,80                                      | 2 x 1000 N                         |
| 180 x 250 straight | DD / CAI     | SL 125    | Opening only | 4,50                                    | 1,80                                      | 2 x 1200 N                         |
| 180 x 300 straight | PCA 10 or 16 | SL 125    | Opening only | 5,40                                    | 2,16                                      | 2 x 1200 N                         |
| 180 x 300 straight | DD / CAI     | SL 125    | Opening only | 5,40                                    | 2,16                                      | 2 x 1400 N                         |
| C200 straight      | PCA 10 or 16 | SL 125    | Opening only | 4,00                                    | 1,60                                      | 2 x 800 N                          |
| C200 straight      | DD / CAI     | SL 125    | Opening only | 4,00                                    | 1,60                                      | 2 x 1000 N                         |
| 200 x 250 straight | PCA 10 or 16 | SL 125    | Opening only | 5,00                                    | 2,00                                      | 2 x 1000 N                         |
| 200 x 250 straight | DD / CAI     | SL 125    | Opening only | 5,00                                    | 2,00                                      | 2 x 1200 N                         |
| 200 x 300 straight | PCA 10 or 16 | SL 125    | Opening only | 6,00                                    | 2,40                                      | 2 x 1200 N                         |
| 200 x 300 straight | DD / CAI     | SL 125    | Opening only | 6,00                                    | 2,40                                      | 2 x 1400 N                         |

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our solutions for  
the roof

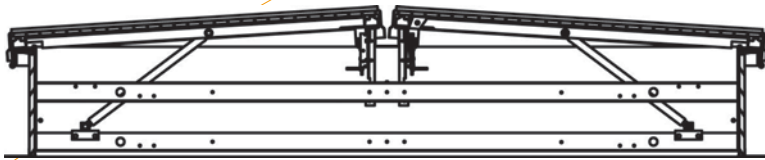
adexsi

Global solutions for lighting,  
daily and smoke ventilation

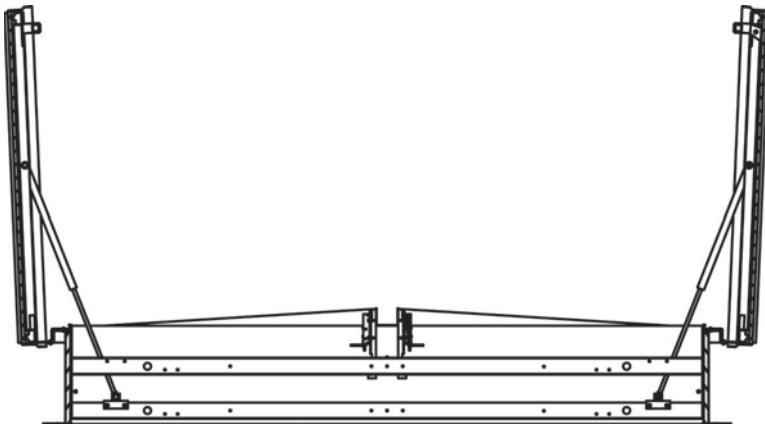
Waterproofed  
roof

# Hexasteel Feu DO

Smoke vents range DO



Hexasteel Feu CE DO in waiting position



Hexasteel Feu CE DO in safety position

#### COMPONENTS:

- A metallic upstand 30, 40 or 50 cm high, which can be equipped with an insulation board 15 mm ( $U_f = 2.5 \text{ W/m}^2 \text{ K}$ ) or 30 mm ( $U_f = 1.5 \text{ W/m}^2 \text{ K}$ ). The surface of the insulation can be bitumen or PVC coated for a direct weld with the waterproofing membrane.
- Two aluminium frames which protect the periphery of dome or PCA.
- A thermofuse integrated in the bolt.
- Two opening flaps locked by electric or pneumatic bolt and controlled by CO<sub>2</sub> or electric box. The opening power is given by gas springs integrated in the system. The opening function is controlled from the floor by sending a pneumatic (CO<sub>2</sub>) or electric signal (24 or 48 V).
- The closing is manually carried out from the roof.

#### FILLING:

- Our standard:
  - PCA 10 mm 4 skins
- In option:
  - PCA 16 mm 7 skins
  - Insulated aluminium cover

For additional details, see the rubric of the options.

|                    |             |
|--------------------|-------------|
| Opening (A or B)   | Type A      |
| Cycles             | Re 1,000    |
| Snow load          | SL 125      |
| Low Temperature    | T (-15°)    |
| Wind load          | WL 1 500 Pa |
| Resistance to heat | B 300 °C    |