

## Declaration of performance

### Nr. TEK 0001-001

1. Unique identification code of the product-type:

Certificate no.: [H100](#)

2. Type, serial number or any other element allowing identification of the construction product:

[H100 ISOVER CLIMPIPE Section Boaflex Alu2](#)

3. Intended use: [Thermal insulation of Building Equipment and Industrial Installations](#)

4. Producer: Saint-Gobain ISOVER A/S  
Oestermarksvej 4  
6580 Vamdrup

Phone: +45 72 17 17 17  
E-mail: [isover@isover.dk](mailto:isover@isover.dk)  
Web: [www.isover.dk](http://www.isover.dk)

5. NA

6. System or systems of assessment and verification of constancy (AVCP) of performance of the construction product:

System AVCP 1, Reaction to fire

System AVCP 3, all other declared properties

7. The products are CE marked according to the harmonised standard DS/EN [14303](#)

Notified Body Bureau Veritas, BVC, no. 0615, has performed initial and continuous surveillance of the manufacture and the factory production control implemented, sampled product and witnessed initial type testing and issued the EC – Certificate of Conformity

Notified Body, DBI No. 0845, performed the determination of Reaction to Fire under System 1.

Notified Body, Technological Institute, TI No. 1235, has performed the determination of product type on the basis of type testing under System 3.

8. Not applicable

## 9. Declared performance: According standard DS/EN 14303+A1

| Essential characteristic                      | Performance                                  |          |  | Standard                        |
|---|--|----------|--|---------------------------------|
| Reaction to fire<br>Euro class characteristic | D <sub>L</sub> -s1, d0                       |          |  | DS/EN 13501-1                   |
| Thermal resistance                            | Thermal conductivity, mW/m K                 |          |  |                                 |
|   | Temperature, °C<br>Valid from<br>10 to 70 °C | Ø18 – 48 | Lambda curve:<br>A = 3,559 · E <sup>-2</sup><br>B = 1,419 · E <sup>-4</sup><br>C = 0,585 · E <sup>-7</sup> |                                 |
| Thickness class                               | T8   |          |  | DS/EN 823                       |
| Level of release substances                   | Cl <sup>-</sup>                              | 110      |  | DS/EN 13468                     |
|   | F <sup>-</sup>                               | NPD      |  |                                 |
|   | SiO <sub>3</sub>                             | 5000     |  |                                 |
|   | Na <sup>+</sup>                              | 3200     |  |                                 |
|   | pH-value                                     | NPD      |  |                                 |
| Compression strength                          | NPD  |          |  | DS/EN 826                       |
| Point load                                    | NPD  |          |  | DS/EN 12430                     |
| Short term water absorption, WS               | NPD  |          |  | DS/EN 1609                      |
| Long term water absorption, WLP               | NPD  |          |  | DS/EN 12087                     |
| Water vapour permeability Factor              | MU1  |          |  | DS/EN 14303                     |
| Dimension stability                           | DS(70,90)                                    |          |  | DS/EN 1604                      |
| Maximum service temperature, MST              | NPD  |          |  | DS/EN 14706                     |
| Air flow resistance                           | NPD  |          |  | DS/EN 29053                     |
| Sound absorption                              | NPD  |          |  | DS/EN ISO 354                   |
| Release of dangerous substances               | NPD  |          |  | No test method available as yet |
| Continuous glowing combustion                 | NPD  |          |  | No test method available as yet |

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9.

The 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

Sales and Market Director Klaus Birk

Vamdrup July 1, 2013