

**DECLARATION of PERFORMANCE**

n.118\_DoP\_01/05/2020

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1. Unique identification code of the product – type:

**STIFERITE ISOCANALE LB3**

**Rigid polyisocyanurate (PIR) foam covered by aluminium on both main sides**

2. Batch number:

**See CE mark label and marking on boards**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Thermal insulation for Building Equipment and Industrial Installations (ThIBEII)**

4. Name, registered trade or registered trade mark name and contact address of manufacture

**STIFERITE SpA**

**Viale Navigazione Interna, 54**

**35129 Padova (Italia)**

5. Name and contact address of authorised representative whose mandate covers:

**not relevant**

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

**AVCP 3**

7. In case of declaration of performance concerning a construction product covered by a harmonised standard:

**FIW (Monaco)**

**IDENTIFICATION NUMBER: 0751**

**Performed the test reports on the declared characteristics under system AVCP 3**

**CSI S.p.A.**

**IDENTIFICATION NUMBER: 0497**

**Performed the test reports on the declared characteristics under system AVCP 3**

**ISTITUTO GIORDANO S.p.A.**

**IDENTIFICATION NUMBER: 0407**

**Performed the test reports on the declared characteristics under system AVCP 3**

**SWISSI**

**IDENTIFICATION NUMBER: 2139**

**Performed the test reports on the declared characteristics under system AVCP 3**

**T2I**

**IDENTIFICATION NUMBER: 1600**

**Performed the test reports on the declared characteristics under system AVCP 3**

|                            |               |                       |                           |                       |                             |
|----------------------------|---------------|-----------------------|---------------------------|-----------------------|-----------------------------|
| Declaration of performance | Stiferite LB3 | Rev. 0 del 01/05/2020 | Compiled by: F. Raggiotto | Verified by: L. Tolin | Approved by: P. Stimamiglio |
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8. Declaration performance:

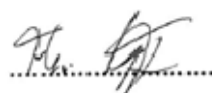
| Essential Characteristics                                       | Performance   |   | Harmonised technical specification |
|---|---|---|------------------------------------|
| Thermal resistance  | Thermal conductivity $\lambda_D$ (W/mK)                                   | 0,022 (10° C)                                   | <b>EN 14308:2009+A1:2013</b>       |
|   | Dimensions  | $d_N$ 20-30 mm                                  |                                    |
| Reaction to fire  | As placed on the market   | D s2 d0   |                                    |
|   | Joints with profiles  | B s1 d0   |                                    |
| Durabilità della resistenza termica contro alta temperatura     | Maximum service temperature   | ST(+) $\lambda$ 130 (=130° C)                   |                                    |
| Durability of thermal resistance against ageing and degradation | Maximum service temperature   | ST(+) $\lambda$ 130 (=130° C)                   |                                    |
|   | Minimum service temperature   | NPD   |                                    |
|   | Dimensional stability under specified temperature and humidity conditions | DS(70,90)3<br>DS(-20,-)2                        |                                    |
|   | Closed cell content   | CV90  |                                    |
| Durability of reaction to fire against ageing and degradation   |   | Reaction to fire does not change                |                                    |
| Compressive strength  | Compressive stress at 10 % deformation or yield:                          | [CS(10/Y)150] ( $\geq$ 150 kPa)                 |                                    |
| Water permeability  | Water absorption - short term by partial immersion/(kg/m <sup>2</sup> )   | Wp 0,1 ( $\leq$ 0,1 kg/m <sup>2</sup> )         |                                    |
| Water vapor transmission  |   | WVT 0,002 ( $\leq$ 0,002 g/m <sup>2</sup> /24h) |                                    |
| Rate of release of corrosive substances                         | Trace quantities of water-soluble chloride ions                           | NPD   |                                    |
| Release of dangerous substances                                 |   | No harmonized test method available             |                                    |
| Continuous glowing combustion                                   |   | No harmonized test method available             |                                    |

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Fabio Raggiotto, technical manager

Padova, 01/05/2020



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