

# Declaration of Performance

NO - JS150 - CPD-01

|  |  |                    |
|--|--|--------------------|
| 1. Unique identification code of the product-type:   | NO-JS150-CPD-01  |                    |
| 2. Type, batch or serial number:   | Jackon Super EPS 150   |                    |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification          | Thermal insulation products for buildings (EPS)                    |                    |
| 4. Name and contact address of the manufacturer  | Jackon AS, Fredrikstad.<br>Postboks 1410, 1602 Fredrikstad         |                    |
| 5. Where applicable, name and contact address of the authorised representative:  |  |                    |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: | System 3 and 4 (fire)  |                    |
| 7. Notified Testing Laboratory and tasks performed:  | Sintef, EU notified body no. 1071<br>Performed ITT under system 3. |                    |
| <b>8. Essential characteristics (EN13163:2012)</b>   | <b>Performance</b>   | <b>EN-Standard</b> |
| Reaction to fire   | Euroklass = F  | 13501-1            |
| Continuous glowing combustion  | NPD (a)  | -                  |
| Water absorption   | WL(T): 3 %   | 12087              |
| Release of dangerous substances  | NPD (a)  | -                  |
| Acoustic absorption indexes  | NPD (b)  | -                  |
| Dynamic stiffness  | NPD  | 29052-1            |
| Thickness  | T2   | 823                |
| Impact noise transmission index (for floors)   | NPD  | 12431              |
| Thermal conductivity   | $\lambda = 0,031$ W/mk   | 12667              |
| Water vapour diffusion resistance factor   | $\mu = 60$   | 10456              |
| Compressive stress at 10 % deformation   | CS(10) = 150 KPa   | 826                |
| Bending strength   | 200 KPa  | 12089              |
| Tensile strength perpendicular to faces  | NPD  | 1607               |
| Durability of reaction to fire against heat, weathering, ageing/degradation  | NPD (c)  | 13501-1            |
| Freeze-thaw resistance after long term water absorption by total immersion   | NPD  | 12087/12088        |
| Durability of compressive strength against ageing and degradation, Compressive creep   | CC = 45 KPa  | 1606               |
| Long term thickness reduction  | NPD  | 1606               |

(a) Testmethod is not available

(b) EPS products have no significant airborne sound absorption properties

(c) The fire performance of EPS does not deteriorate with time

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

**Jennie Helgar, HSQE and Development manager**

(name and function)

**Fredrikstad, 10.06.2013**

(place and date of issue) (signature)


