DECLARATION OF PERFORMANCE

In compliance with n° 305/2011 the Construction Products Regulation

DoP nr 402 AKUSTO

1. Unique identification code of the product-type:
   402 AKUSTO

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11, paragraph 4:
   ① AKUSTO TWIN R (thickness 30)
   ② AKUSTO R- AKUSTO TWIN R

   (see also data reported on the label for traceability as: lot number, date, site of production)

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
   Thermal insulation for buildings (ThIB)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to to article 11, paragraph 5:
   Registered trade: SAINT-GOBAIN PPC ITALIA S.p.A.
   Via Ettore Romagnoli, 6- 20146 Milano

   Address of the manufacturer: Via Donizetti 32/34- 24043 Vidalengo di Caravaggio (Bg)

   www.isover.it

5. Name and contact address of the authorized representative referred to article 12, paragraph 2:
   Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
   AVCP System 1 for reaction to fire
   AVCP System 3 for other characteristics

7. Case a construction product covered by a harmonized standard:
   EN 13162:2012

   CSI SpA (notified body n° 0497)
   performed the determination of the product-type on the basis of type testing (including sampling):
   i) initial inspection of the manufacturing plant and of factory production control;
   ii) continuous surveillance, assessment and evaluation of factory production control;

8. Case of a construction product for which a European Technical Assessment has been issued:
   Not applicable

9. Declared performance:

All characteristics listed in the table hereunder are determined in harmonized standard **EN 13162:2012**

Essential characteristics			Harmonized Standard		
		Measurement unit	① AKUSTO TWIN R	② AKUSTO R AKUSTO TWIN R	
Reaction to fire Euroclass Characteristics	Reaction to fire		A1	A1	EN 13162:2012
Release of dangerous substances to the indoor environment	Emission of substance		(a)	(a)	
Acoustic absorption index	Sound absorption		NPD	NPD	
Transmission of sound insulation index (for floors)	Dynamic rigidity		NPD	NPD	
	Thikness d_L		NPD	NPD	
	Compressibility		NPD	NPD	
	Air flow resistivity		NPD	NPD	
Index sound insulation direct air	Resistivity to air flow		NPD	NPD	
Continuous glowing combustion	Continuous glowing combustion		(b)	(b)	
Thermal resistance	Thermal resistance	m^2K/W	0,75	da 1,25 a 2,5	
	Thermal Conductivity	W/(m·K)	0.038	0.040	
	Thickness		30	50-100	
Thickness tolerance		%/mm	T1	T1	
Water permeability	Water absorption in the short term	kg/m^2	WS	WS	
	Water absorption in the long term		NPD	NPD	
Water vapour permeability	Water vapour diffusion resistance	m^2hPa/mg	MU1	MU1	
Compressive strength	Compressive stress or compressive strength		NPD	NPD	
	Point load		NPD	NPD	
Durability of reaction to fire against heat, weathering, aging / degradation	Characteristics of durability		(c)	(c)	
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal resistance Thermal conductivity		(d)	(d)	
	Caratteristiche della durabilità		(e)	(e)	
Tensile strength / flex	Tensile strength perpendicular to the faces [(f)]		NPD	NPD	
Durability of compressive strength in relation to aging / degradation	Compressive strength		NPD	NPD	

(a) Thermal insulation products must not develop dangerous substances above the maximum allowed by European regulations or local. European test methods are being developed.

(b) A European test method is under development and the standard will be amended when this is available.

(c) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

(d) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric

(e) Only for the dimensional stability of the thickness.

(f) This characteristic also affects the handling and installation.

10. 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 on behalf of the manufacturer by:

Giulio De Gregorio
Direttore Generale Aggiunto Isover

Vidalengo, 04/11/2015

Firma