

Declaration of Performance

DoP CZ0002-001

1	Unique identification code of the product-type	I08 02
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR	Orstech 45, Orstech 45 NT, Orstech 45 H
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Thermal insulation of Building Equipment and Industrial Installations
4	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	Saint - Gobain Construction Product CZ a.s. Počernická 272/96; 108 03 Prague 10 Czech Republic IČO: 25029673, DIČ: CZ 25029673
5	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	not relevant
6	System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V.	AVCP System 1 System 3
7	<p>In case of the declaration of performance concerning a construction product covered by a harmonised standard (Name and identification number of the notified body, if relevant).</p> <p>Centre of Building Construction Engineering Prague, Notified certification body No. 1390 performed the determination of the product type, the initial inspection of the manufacturing plant and of factory production control under system (description of the third party tasks as set out in Annex V). The continuous surveillance, assessment and evaluation of factory production control and issued certificate of constancy of performance for reaction to fire. Accredited testing laboratories of Notified body No. 1390 performed the test reports for the other relevant declared characteristics.</p>	

8 Harmonised standard EN 14 303:2009 + A1:2013

Essential characteristics	Performance	Abbreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1, A2-s1,d0 (pro Orstech 45 H)
Acoustic absorption index	Sound absorption	-	-	b)
Thermal resistance	Thermal conductivity	λ_D	W/m K	a)
	for 50°C	λ_D	W/m K	0,043
	for 100°C	λ_D	W/m K	0,052
	for 250°C	λ_D	W/m K	0,099
	for 600°C	λ_D	W/m K	NPD
	Dimensions and tolerances	T	-	T4
Water permeability	Water vapour diffusion resistance	S_d	m	NPD
Compressive strength	Compressive stress or compressive strength for flat products	CS	kPa	NPD
Rate of release of corrosive substances	Trace amounts of soluble ions and pH value	CL	mg/kg	10
	Release of Dangerous Substances	-	-	NPD
Continuous glowing combustion	Continuous glowing combustion	-	-	NPD
Durability of against reaction to fire ageing/degradation	Durability Characteristics	RtF	Euroclass	A1, A2-s1,d0 (pro Orstech 45 H)
Durability of reaction to fire against ageing/degradation and against high temperature	Durability Characteristics	-	-	NPD
Durability of thermal resistance against ageing/degradation and against high temperature	Durability Characteristics	-	-	NPD
	Maximum Service Temperature	ST(+)	°C	250
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal conductivity	λ	W/m K	a)
	Dimensions and tolerances	T	-	T4
	Dimensional stability, or	DS(TH)	-	NPD
	Maximum Service Temperature	ST(+)	°C	250
	Durability Characteristics	-	-	NPD

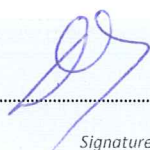
a) The parameter λ is valid for the thickness of the product range of thickness and thermal resistance - see technical data sheets on the web www.isover.cz

b) sound absorption parameter is valid for the product thickness, thickness range and sound absorption values - see technical data sheet on the website www.isover.cz

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

Josef Diblík
Name

Quality and technology manager
Function



Signature

01.07.2013
Date

Častolovice
Place

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SAINT-GOBAIN

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