



DECLARATION OF PERFORMANCE

No.: Rigidur_Estrichelement_50_PS_LE_0321

Product Type

EN 14190:2014 : Floor element composed of gypsum fibre boards according EN 15283-2, laminated with expanded polystyrene for interior applications

Identification of the construction product

Rigidur Estrichelement 50 PS
Batch identification consists of production date and time printed on each floor element

Intended use

Gypsum plasterboard from reprocessing: Floor element composed of gypsum fibre boards for interior applications

Manufacturer

Saint-Gobain Rigips GmbH
Schanzenstraße 84
D-40549 Düsseldorf

Systems of assessment and verification of constancy of performance

System 3 for reaction to fire
System 4 for all other properties

The notified body

MPA NRW Materialprüfungsamt Nordrhein-Westfalen
– Kennnummer: 0432

performed the initial type testing regarding the reaction to fire and issued the following classification report:

Nr. 230007473-2

Regarding the other characteristics the initial type testing according to EN 14190 was performed by the manufacturer.

A factory production control system in compliance with EN ISO 9001 : 2008 adapted to EN 14190 is established to ensure that the construction products conform with the declared performance characteristics.



Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire (R2F)	E	EN 14190
Shear strength ($\uparrow\downarrow$)	NPD	EN 14190
Flexural strength (F)	pass	EN 14190
Water vapour resistance factor (μ)	NPD	EN 14190
Thermal conductivity (λ)	NPD	EN 14190
Dangerous substances (DS)	NPD	EN 14190
Airborne sound insulation (R)	see system documentation of Saint-Gobain Rigips GmbH	EN 14190
Impact resistance ($\rightarrow I$)		
Acoustic absorption (α)		

The performance of the product for which this DoP has been issued is in conformity with the declared performance.
 This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Dr. Benjamin Kaplan, Director R&D Isover/Rigips Germany
 (name and function)

Ladenburg, 30.03.21
 (place and date of issue)

Saint-Gobain Rigips GmbH
Dr.-Albrecht-Straße 200 D-68526 Ladenburg
 (signature)

Raimund Heintl, Managing Director

Düsseldorf, 01.04.21
 (place and date of issue)

Saint-Gobain Rigips GmbH
Schanzenstr. 84 D-40549 Düsseldorf
 (signature)