

Declaration of Performance

CE DOP 2/216680/5



The undersigned, representing the following:

Company placing on the market:
NSG Group, Haydnstraße 19, Gelsenkirchen 45884, Germany

Manufacturing Plant:
See Product Matrix Report No: P2012 AT101 (Technical File)

Herewith declare that the following product:
Pilkington **Optitherm**™ S3, Annealed, 4 mm

is in conformity with the provisions of the following EU Regulation when installed in accordance with the installation instructions contained in the product documentation:
Regulation (EU) No 305/2011 Construction Products Regulation.

The following product standard referenced below has been applied:
EN 1096-4: Glass in Building – Coated glass - Part 4: Evaluation of conformity/Product standard

Declared Performance

Essential Characteristics	AVCP Systems	Performance
Resistance to Fire	1	NPD
Reaction to Fire	3,4	A1
External Fire Performance	3,4	NPD
Bullet Resistance	1	NPD
Explosion Resistance	1	NPD
Burglar Resistance	3	NPD
Pendulum Body Impact Resistance	3	NPD
Resistance Against Sudden Temperature Changes and Temperature Differentials	4	40 K
Wind, Snow, Permanent and Imposed Load Resistance	4	4 mm
Direct Airborne Sound Insulation	3	29 (-2; -3) dB
Thermal Properties	3	3.2 W/m2K
Radiation Properties		
Light Transmittance / Reflectance	3	0.90/0.05/0.04
Solar Transmittance / Reflectance	3	0.64/0.21/0.25
g Value	3	0.66
Durability	3,4	Pass

Notified production control certification body number
0757



Alessandro Michetti
Commercial Director - Architectural Glass Europe
12/03/2019



Christian Quenett
Head of Architectural Glass Europe
12/03/2019