

**Declaration of Performance**  
**CE DOP 12/100041/35**



The undersigned, representing the following:

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

Manufacturing Plant:  
See Product Matrix Report No: P5000 AT26 (Technical File)

Herewith declare that the following product:  
Pilkington **Optilam**™ Clear, Laminated, 6.4 mm (33.1)

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 14449: 2005 + AC:2005 Laminated safety glass, intended to be used in buildings and construction works

Declared Performance

Essential Characteristics	AVCP Systems	Performance
Resistance to Fire	1	NPD
Reaction to Fire	3,4	NPD
External Fire Performance	3,4	NPD
Bullet Resistance	1	NPD
Explosion Resistance	1	NPD
Burglar Resistance	3	NPD
Pendulum Body Impact Resistance	3	2(B)2
Resistance Against Sudden Temperature Changes and Temperature Differentials	4	40 K
Wind, Snow, Permanent and Imposed Load Resistance	4	6.4 mm
Direct Airborne Sound Insulation	3	32 (-1; -3) dB
Thermal Properties	3	5.6 W/m <sup>2</sup> K
Radiation Properties		
Light Transmittance / Reflectance	3	0.88/0.08/0.08
Solar Transmittance / Reflectance	3	0.74/0.07/0.07
g Value	3	0.79
Durability	3,4	Pass
Normal Emissivity	3	0.89 / 0.89

Notified production control certification body number  
1750, 0432, 1694, 1004, 0074, 1487



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



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