



PILKINGTON



Declaration of Performance **Pilkington Suncool™ 50/25** (annealed)

We, **LLC Pilkington Glass**, representing the following:

Manufacturing Plant: 1, Stekolnaya street, Zhukovo village, Chulkovsky s/o, Ramensky district, Moscow region, 140125, Russian
Herewith declare, under his sole responsibility, the following characteristics for the CE Marking of the glass products named
Pilkington Suncool™50/25 (annealed)

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 -Part4. Evaluation of conformity/Product standard

Declared performance:

Pilkington Suncool™ 50/25 (annealed) characteristics in:	AVCP Systems	4 mm	6 mm	8 mm	10 mm	12 mm
Resistance to fire	1	NPD	NPD	NPD	NPD	NPD
Reaction to fire	3,4	A1	A1	A1	A1	A1
External fire performances	3,4	NPD	NPD	NPD	NPD	NPD
Bullet resistance	1	NPD	NPD	NPD	NPD	NPD
Explosion resistance	1	NPD	NPD	NPD	NPD	NPD
Burglar resistance	3	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	4	40 K	40 K	40 K	40 K	40 K
Wind, snow, permanent and imposed load resistance	4	45 MPa	45 MPa	45 MPa	45 MPa	45 MPa
Direct airborne sound reduction	3	29 (-2;-3) dB	31 (-2;-3) dB	32 (-2;-3) dB	33 (-2;-3) dB	34 (0;-2) dB
Thermal Properties	3	3.2 W/m ² K	3.1 W/m ² K	3.1 W/m ² K	3.1 W/m ² K	3.1 W/m ² K
Radiation Properties						
-Light Transmittance / Reflectance	3	0.56/0.17/0.14	0.55/0.16/0.14	0.55/0.16/0.14	0.54/0.16/0.14	0.54/0.16/0.14
-Solar Transmittance / Reflectance	4	0.28/0.38/0.41	0.27/0.35/0.41	0.27/0.32/0.41	0.26/0.30/0.41	0.26/0.28/0.41
g value	3	0.32	0.32	0.32	0.32	0.32
Durability	3,4	Pass	Pass	Pass	Pass	Pass
Normal emissivity	3	0.89/0.01	0.89/0.01	0.89/0.01	0.89/0.01	0.89/0.01

Notified production control certification body number 0757

Alexey Lyashko
General Director
01/07/2013