



PILKINGTON



Declaration of Performance **Pilkington Suncool™-R Silver 50/27 ProT** (Thermally toughened)

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™-R Silver 50/27 ProT (Thermally toughened)

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; EN 12150-2 Glass in Building – Thermally toughened soda lime silicate safety glass – Part 2. Evaluation of conformity/Product standard

Declared performance:

Pilkington Suncool™-R Silver 50/27 ProT (Thermally toughened) characteristics in:	AVCP Systems	6 mm	8 mm	10 mm	12 mm
Resistance to fire	1	NPD	NPD	NPD	NPD
Reaction to fire	3,4	A1	A1	A1	A1
External fire performances	3,4	NPD	NPD	NPD	NPD
Bullet resistance	1	NPD	NPD	NPD	NPD
Explosion resistance	1	NPD	NPD	NPD	NPD
Burglar resistance	3	NPD	NPD	NPD	NPD
Pendulum body impact resistance	3	1(C)2	1(C)2	1(C)1	1(C)1
Resistance against sudden temperature change and temperature differentials	4	200 K	200 K	200 K	200 K
Wind, snow, permanent and imposed load resistance	4	120 MPa	120 MPa	120 MPa	120 MPa
Direct airborne sound reduction	3	31 (-2;-3) dB	32 (-2;-3) dB	33 (-2;-3) dB	34 (0;-2) dB
Thermal Properties	3	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	0.51/0.29/0.20	0.51/0.29/0.20	0.50/0.28/0.20	0.50/0.28/0.20
-Solar Transmittance / Reflectance	4	0.30/0.35/0.45	0.29/0.33/0.45	0.29/0.30/0.45	0.28/0.29/0.45
g value	3	0.34	0.34	0.34	0.34
Durability	3,4	Pass	Pass	Pass	Pass
Normal emissivity	3	0.89/0.01	0.89/0.01	0.89/0.01	0.89/0.01

Notified production control certification body number 1750

Alexey Lyashko
General Director
01/07/2013