



PILKINGTON



Declaration of Performance **Pilkington Suncool™ 70/40 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™70/40 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™ 70/40 ProT (thermally toughened) 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	1(C)2	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	200 K
Wind, snow, permanent and imposed load resistance	4	120 MPa	120 MPa	120 MPa	120 MPa	120 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/m²K	3.2 W/m²K	3.2 W/m²K	3.2 W/m²K	3.2 W/m²K
Radiation Properties						
-Light Transmittance / Reflectance	3	0.81/0.05/0.04	0.81/0.05/0.04	0.80/0.05/0.04	0.80/0.05/0.04	0.79/0.05/0.04
-Solar Transmittance / Reflectance	4	0.46/0.31/0.38	0.45/0.28/0.38	0.45/0.26/0.38	0.44/0.24/0.38	0.43/0.22/0.38
g value	3	0.49	0.49	0.48	0.48	0.48
Durability	3,4	Pass	Pass	Pass	pass	pass
Normal emissivity	3	0.89/0.03	0.89/0.03	0.89/0.03	0.89/0.03	0.89/0.03

Notified production control certification body number 1750

Alexey Lyashko  
General Director  
01/07/2013