

## Declaration of Performance **Pilkington Suncool™ 70/35 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™ 70/35 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™ 70/35 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	3.1 W/m²K	3.1 W/m²K	3.1 W/m²K	3.1 W/m²K
Radiation Properties						
-Light Transmittance / Reflectance	3	0.78/0.11/0.11	0.77/0.11/0.11	0.77/0.11/0.11	0.76/0.11/0.11	0.76/0.11/0.11
-Solar Transmittance / Reflectance	4	0.40/0.36/0.45	0.39/0.33/0.45	0.38/0.30/0.45	0.38/0.28/0.44	0.37/0.26/0.44
g value	3	0.43	0.42	0.42	0.42	0.42
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 1750

Alexey Lyashko  
 General Director  
 01/07/2013

