



PILKINGTON



Declaration of Performance N° CE-6103/2 Pilkington Optitherm™ S3 Pro T (thermally toughened)

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

Manufacturing Plant: 1, Stekolnaya street, Zhukovo village, Ramenskoe city, Moscow region, 140125, Russian Federation

Herewith declare, under his sole responsibility, the following characteristics for the CE Marking of the offline coated soda lime silicate glass intended to be used in buildings and construction works named Pilkington Optitherm™ S3 Pro T (thermally toughened) produced in compliance with *Production Instruction I-4-QA-6105, EN 1096-4 "Glass in Building – Coated glass-Part 4. 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"* and is in conformity with the provisions of the following EU Regulation when installed under the installation instructions contained in the product documentation: *Regulation (EU) No 305/2011 Construction Products Regulation*.

Declared performance:

Pilkington Optitherm™ S3 Pro T (thermally toughened) characteristics in:	AVCP Systems	4 mm	5 mm	6 mm	8 mm	10 mm	12mm
Resistance to fire	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	3,4	A1	A1	A1	A1	A1	A1
External fire performances	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	4	200 K	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	120 MPa
Direct airborne sound reduction	3	29 (-2;-3) dB	30 (-1;-2) 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	3.2 W/m²K
Radiation Properties							
-Light Transmittance / Reflectance (uncoated/coated side)	3,4	0.88/0.07/0.05	0.88/0.07/0.05	0.87/0.07/0.05	0.86/0.07/0.05	0.85/0.07/0.05	0.84/0.07/0.05
-Solar Transmittance / Reflectance (uncoated/coated side)		0.64/0.21/0.25	0.63/0.20/0.25	0.62/0.19/0.25	0.60/0.18/0.25	0.58/0.16/0.25	0.56/0.15/0.25
g value (coating side outwards)	3	66	65	65	64	63	62
Durability	3,4	Pass	Pass	Pass	Pass	Pass	Pass
Normal emissivity (coated side)	3	0.03	0.03	0.03	0.03	0.03	0.03

Notified testing laboratory number 0073

Maxim Lazutkin
Technical regulations manager
April 29, 2022