

Declaration of Performance

System 3 Ltd declare that the Fire Insulating Glass Units supplied are intended for use in buildings and construction works.

They are designed to be used in situations where the edge is protected from the effects of direct UV light unless stated otherwise.

They are intended for use for Fire Glazing Specifications.

All units conform to system 1 - EN1279-5:2018 annex ZA

Certificate of Consistency of Performance

Ref: 1121-CPR-UK-CA 10334

System 3 Ltd (E/386) IGU's incorporating

Pilkington Pyrostop / Pyrodur.

Approved Body 1121

Essential Characteristics	Performance	Essential Characteristics	Performance
Resistance to Fire	EW30	Reaction to Fire	NPD
External Fire Performance	NPD	Bullet Resistance	NPD
Explosion Resistance	NPD	Burglar Resistance	NPD / P2A
Pendulum Body Impact Resistance	NPD / 1B1	Resistance Against Sudden Temperature Change & Temperature Differentials	NPD / 40 K
Wind, Snow Permanent & Increased Load Resistance	NPD / 7mm	Direct Airborne Sound Insulation	35 dB
Thermal Properties	2.7 W/m2K		
<u>Radiation Properties</u>			
Light Transmission & Reflection	0.81/0.15	Solar Energy Characteristics	0.73/0.13

The performance of the product identified above is in conformity with the set of detailed performance(s). This declaration of performance is issued, in accordance with Construction Product Regulations 305/2011, under the sole responsibility of the manufacturer identified above as it has effect in the United Kingdom in respect of Great Britain.

6.8 Pilkington Optilam / Aluminium Spacer / Pilkington Pyrodur 30-105 (worst case scenario Fire IGU shown - Other calculations available upon request)

Signed by: _____

Allan Brown - Director

Date: 11th March 2025