

Fire



Performance Glass Processing Ltd

www.performanceglass.co.uk

SCHOTT

PYRANOVA® is a multi layered product, offering integrity, radiation control, and insulation dependent on the thickness.

PYRANOVA® 60, 90, and 120 are all constructed using low iron glass for enhanced clarity.

11mm PYRANOVA® is the thinnest 30/30 product available in the UK making glazing it easy and hassle free, first time and every time.

New for vision panels
SCHOTT'S 11mm
PYRANOVA® 30/30.



Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating	Min Fire Rating
PYRANOVA® 15 S2.0	11	CF 386	2(B)2	36 dB Rw	30/30
PYRANOVA® 15 S2.1	14	CF 386	1(B)1	38 dB Rw	30/30
PYRANOVA 30 S3.0	15	CF 862	2(B)2	38 dB Rw	30/30
PYRANOVA® 30 S3.1	19	CF 862	1(B)1	38 dB Rw	30/30
PYRANOVA® 60 S3.0	23	CF 862	1(B)1	41 dB Rw	60/60
PYRANOVA® 60 S3.1	27	CF 862	1(B)1	41 dB Rw	60/60
PYRANOVA® 90 S3.0	37	CF 862	1(B)1	44 dB Rw	90/90
PYRANOVA® 90 S3.1	40	CF 862	1(B)1	44 dB Rw	90/90
PYRANOVA® 120 S3.0	52	CF 862	1(B)1	44 dB Rw	120/120
PYRANOVA® 120 S3.0	54	CF 862	1(B)1	44 dB Rw	120/120

PYROBEL and PYROBELite 7 and 12

AGC's PYROBEL range is a very popular product, its unique structure allows for them to achieve large pane sizes than many of the other comparable products on the market.

Their specifically designed horizontal application panels cover most eventualities, making them the market leaders for many years.

PYROBELite 7 and 12 offer comfortably large pane sizes offering from 30 up to 60 mins integrity.

The EG range offers a PVB laminate for external use, and offers a P1A security rating suitable for PAS24 assessment.

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating	Min Fire Rating
PYROBELite 7	7.9	CF 377	3(B)3	34 dB Rw	30/0
PYROBELite 9EG	12.1	CF 377	1(B)1	37 dB Rw	30/0
PYROBELite 12	12.3	CF 377	2(B)2	36 dB Rw	60/0
PYROBEL 16	17.3	CF 377	2(B)2	39 dB Rw	30/30
PYROBEL 19H	19.1	CF 377	1(B)1	38 dB Rw	30/30
PYROBEL 23H	23.7	CF 377	1(B)1	39 dB Rw	30/30
PYROBEL 28H	28.4	CF 377	1(B)1	41 dB Rw	60/60



Ceramic Range



Neoceram For Fireplaces, Stoves & Ovens

Firelite

Firelite is a ceramic glass with a slight brown colour tint inherent in its construction.

This product is widely used for 120/0 fire doors and inspection panels for high temperature equipment.

It can be cut and processed similar to ordinary Sodalime glass, and it will remain in its annealed state.

The ceramic glass can be laminated to a standard Sodalime glass, to create a safety rated panel where required.

Neoceram

Neoceram is used extensively in Stoves, AGA'S and ovens in domestic and some commercial situations. It has a special coating on both sides which slows down the build up of soot, and can be easily cleaned.

Georgian Wired and Textured Glass

Pilkington's Pyroshield 2 is a high quality annealed Georgian Wired glass available in a textured obscure finish, or with highly polished surfaces. Test evidence is available for making double glazed units and roof lights, and exceptionally large pane sizes can be offered for vertical application.

Pyrostem 2 is similar in appearance to the above and offers the highest rating of any wired product, with up to 90 mins integrity.

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Pyrostem 2	7	CF 581 A	3(B)3	31 dB Rw
Pyroshield 2 Clear	7.2	CF 718	3(B)3	31 dB Rw
Pyroshield 2 Texture	6.8	CF 718	NPD	31 dB Rw



Pyroguard Range



Pyroguard's EW range uses one or multiple fire rated interlayer's to offer integrity and radiation control dependent on the thickness. These products are used widely as vision panels and side screens by timber manufacturers across the UK and Europe.

Pyroguard's EI range uses one or multiple fire rated interlayers to offer both integrity and insulation. These popular products are extensively tested for many construction applications and combine well into double glazed units for high acoustic demand.

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Pyroguard EW30 Impact	7	CF 257	2(B)2	33 dB Rw
Pyroguard EW30 Priva-See	11	CF 257	2(B)2	33 dB Rw
Pyroguard 10 EW30 Impact	10	CF 257	2(B)2	34 dB Rw
Pyroguard EW30 Satin	7	CF 257	2(B)2	33 dB Rw
Pyroguard FD60	7	CF 257	2(B)2	33 dB Rw
Pyroguard EW30 Maxi	11	CF 257	2(B)2	35 dB Rw
Pyroguard EW60	11	CF 257	2(B)2	35 dB Rw
Pyroguard EI30 (INT)	15	CF 437	1(B)1	38 dB Rw
Pyroguard EI30 (EXT)	19	CF 437	1(B)1	39 dB Rw
Pyroguard EI60 (INT)	23	CF 437	1(B)1	40 dB Rw
Pyroguard EI60 (EXT)	27	CF 437	1(B)1	41 dB Rw

Pyrodur and Pyrostop

Pyrodur

Pilkington's Pyrodur has been one of the leading products specified by Architects for many years. The intumescent interlayers offer comfortable large pane sizes for 30 and 60 mins integrity. The external range offers a PVB laminate in its construction, which allows for it to be used externally, and inherently offers a p1A security rating suitable for PAS24 assessment.

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Pyrodur 60-20	13	NO	1(B)1	35 dB Rw
Pyrodur 60-10	10	CF 328	2(B)2	34 dB Rw
Pyrodur 30-201	10	CF 328	2(B)2	34 dB Rw
Pyrodur Plus 30-104	7	CF 328	2(B)2	35 dB Rw

Pyrostop

Pyrostop uses multiple Fire Rated interlayers to offer both integrity and insulation. Pyrostop has been one of the leading products specified by Architects for many years, they are ideal for all types of internal and external application.

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Pyrostop 120-201	62	CF 328	Class A	44 dB Rw
Pyrostop 120-104	52	CF 328	Class A	42 dB Rw
Pyrostop 90-200	49	CF 328	Class A	43 dB Rw
Pyrostop 90-100	46	CF 328	Class A	42 dB Rw
Pyrostop 60-201	27	CF 328	Class A	41 dB Rw
Pyrostop 60-101	23	CF 328	Class A	40 dB Rw
Pyrostop 30-20	18	CF 328	Class A	38 dB Rw
Pyrostop 30-10	15	CF 328	Class A	38 dB Rw

Fireswiss Foam and Fireswiss Cool

fireswissfoam fire resistant glass

Fireswiss Foam consists of multiple fire rated interlayers which offer both integrity and insulation. These popular products are ideal for partition glazing and offer a competitive alternative where the test evidence can be accommodated.

Benefits of Fireswiss Foam include;

- Provides up to 60 mins Integrity and Insulation
- Protection against fire, smoke and radiated heat
- Available in large test sizes
- Superior optical quality

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Fireswiss Foam 30-15	15	CF 592	1(B)1	38 dB Rw
Fireswiss Foam 30-19	19	CF 592	1(B)1	39 dB Rw
Fireswiss Foam 60-23	23	CF 592	1(B)1	43 dB Rw
Fireswiss Foam 60-27	27	CF 592	1(B)1	44 dB Rw

fireswisscool fire resistant glass

Fireswiss Cool consists of one intumescent interlayer,

The 9mm and 11mm products offer surprisingly large pane sizes for their thickness.

Test evidence is growing and these products will be more prevalent in the market over the coming years

Benefits of Fireswiss Cool include;

- 30 mins Integrity Fire Resistant Glass
- Protection against fire and smoke
- Reduced heat radiation
- Superior optical quality
- Added impact safety benefits

Product Name	Design Thickness (mm)	Certifire	Impact Rating to EN12600	Acoustic Rating
Fireswiss Cool 30-7	7	CF 699	3(B)3	35 dB Rw
Fireswiss Cool 30-7 2(B)2	9	CF 699	2(B)2	35 dB Rw
Fireswiss Cool 30-11L	11	CF 699	1(B)1	36 dB Rw

Integrated Glass Units



IGU Range

Manufactured in house to ensure the highest quality for both residential and commercial applications, our insulated glass units incorporate the most current technical specifications.

IGU's are made using 2 or more pieces of glass, separated by a spacer, and sealed hermetically.

IGU's can be designed for all year round performance, keeping you warm in winter and cool in summer, making them the ideal choice for everyone

Not only do IGU 's offer energy efficiency, they can also incorporate integrated blinds and decorative effects. Intergrated blinds are becoming very popular, particularly in conservatories and bi folding doors. They provide additional privacy due to their edge to edge slats and can be sealed within a double or triple glazed unit without compromising the integrity of the Hermetic seal. This assures the longevity of the glazing and blinds. So whether you are looking to add a bit of elegance to your home, to show off the style innovation or you simply want them for hygiene purposes, intergrated blinds are a great choice all round.

Look for Performance Glass.....

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Acoustic



Fire



Decorative



IGU – FR +

