

Glass Product Datasheet - WSL F31GG

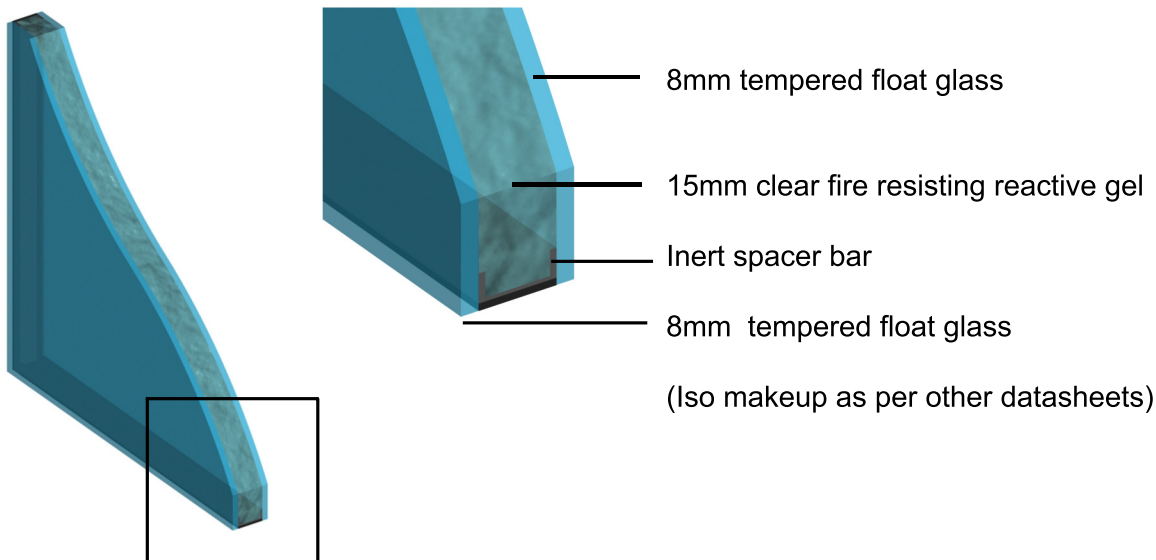
WSL F-glass is range of fire resistant insulating glasses, for both integrity & insulation as defined under BS476 Part 22 and EN1364. These glasses compliment our high performance framing systems and allow us to provide a complete & guaranteed glazing solution.

In the event of a fire each makeup of F-glass provides a barrier against the passage of flame and radiant heat through the glass. This safety specification is commonly used to protect building evacuation routes, the vulnerable areas of adjacent buildings, or where the prevention of fire spread caused by radiant heat is of prime importance.

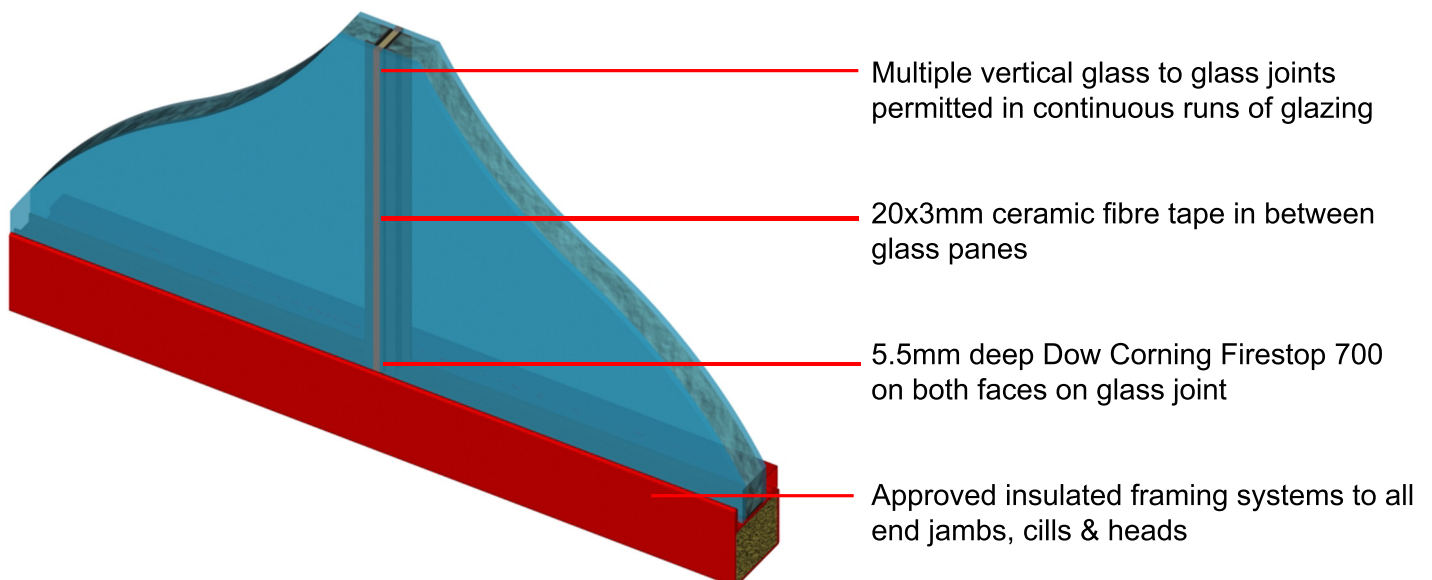
The protection is achieved through the unique makeup of the glass unit, utilising a central layer of clear UV stable heat reactive gel, contained by two layers of clear toughened glass.

- Competively priced
- Comprehensive test data
- Multiple framing options
- High optical quality
- High light transmission
- Suitable for pressure plate glazing
- UV Stable interlayer
- Unlimited options for external pane
- Class A impact safety
- Large sizes

WSL F31GG-makeup (colours shown for clarity)



WSL F31GG configuration (colours shown for clarity)



Glass Product Datasheet - WSL F31GG

	WSL F31GG	WSL F31GG - ISO
Overall thickness	31mm	>47mm
Fire rating	30/30	30/30
Unit makeup	8 / 15 / 8	8 / 15 / 8 / 12 / >4
Approx weight	58 kg/m ²	>68 kg/m ²
DB reduction	43 DB	43 DB
Light Transmission	86%	74%
UV Stable	Yes - EN12543	Yes - EN12543
Options for external pane	n/a	4mm minimum
U-Value	5.6 w/m ² K	1.4 w/m ² K
Class A safety	BS6206 - EN12600	BS6206 - EN12600
Stable temperature range	-20DegC / +50DegC	-20DegC / +50DegC
Minimum production size	100mmW x 300mmH	100mmW x 300mmH
Quality ratio for toughening	1:10	1:10

WSL F31GG permissible dimensions

Type:	Pane Orientation:	Maximum Pane Height	Maximum Pane Width	Maximum Pane Area
WSL F31GG (inc ISO)	Portrait	3550mm	1875mm	5.33m ²

Directions:

Plot your required glass size on the chart below. Current test data allows for any pane size within the red areas.

Limitations on the test data dictate that only horizontal glass-to-glass joints may be used within a run of glazing. All structural interface joints ie: cills, heads and end jambs must be framed using an approved framing system.

Red area = WSL F31GG max dimensions

