



FGC

Frameless Glass Curtains







22/04/2009

28mm Double Glazed Specification

Column tracks and profiles are made to our unique design in the United Kingdom and include a thermal break. Flags connect the doors to tracks, and spacers slide inside of the tracks which tell us where the doors are to open. Clear gaskets between the doors give a weather proof seal 26mm wide.

The columns expand by turning a handle to compress doors giving a seal between the doors. The doors lock on a handle on the inside only with a key for security purposes. Track is fitted top and bottom on openings 40mm wide, 61mm high. PTFE (pure Teflon) on bottom profile 5mm x 3mm, schlegel on top track with plastic strip.

How the system works

Turn the handle, which releases the first door. As it opens, it automatically connects to the turning mechanism. When this is open you can then slide the next door along. When the door spacer hits the first spacer it tells you that you can now open the door. All doors slide on PTFE (Pure Teflon), and all the weight is at the bottom, it doesn't hang, there are no wheels, and it slides by kinetic energy. You can only open the doors when they are in the correct position. This is when the doors are at the gates, which are in the first door opening, 13mm wide x 4mm deep. We have a turning mechanism in the top and bottom track, on which the flags fit into. This allows you to open each door as it automatically touches and locks into position. The doors stack neatly side by side, 5mm between each door, with the profile being 40mm wide. To lock, turn the handle, which is situated on the inside only. This compresses gaskets fitted to the sides of glass doors, which gives a weatherproof seal. The handle has a key for secure locking.

Compression of columns at each end of Frameless Glass Curtains have a 50mm U section of aluminium fixed inside of 2 L-shaped aluminium structures. Inside this we have a locking system which expands and returns as needed. We have a lock & key on the inside only which operates the mechanism. There is no access from the outside, so the system is fully secure. Any rail colour can be supplied as required, powder coated on aluminium.

Technical Specification - Patent Pending

Frameless Glass Curtains—Double Glazed

U value 1.4 as pass BS: Chilt/P08098, passed 11th September 2008
BS6375 Part 1, 2004, performance of window and doors – Part 1: Classification for weather tightness and guidance of selection and specification.

The following results were achieved:

	Test Standard	Classification Standard	Result
Air Permeability	BS EN 1026:2000	BS EN 12207:2000	600Pa (Class 4)
Watertightness	BS EN 1027:2000	BS EN 12208:2000	100Pa (Class 3A)
Wind resistance	BS EN 12211:2000	BS EN 12210:2000	800Pa (Class A2)
Exposure Category		BS 6375: Part 1:2004800	

Specification of Bottom Track

40mm x 61mm, with 13mm gap, plus thermal break.

Specification of Top Track

40mm x 61mm, plus thermal break and 2 x Schlegel strips.

20mm Toughened Glass Spacer with 45 degree mitres are fixed between long edges of glass. Top & bottom have 2 rows of aluminium 18mm spacer bar filled with desiccant. Profiles are compressed onto glass and fixed with a polymer.

WAREHOUSE
IS CLOSED.
RING OFFICE
BELL FOR
ATTENTION

Café opening hours:
Tuesday-Thursday
12-15.30/18-23
Friday-Saturday
11.50-16.30/18-23
Sunday-Monday
Closed

Lunch Special
Whole Sea Bream
or
Skate
Served with Chips or Salad
and a glass of wine
£11.50

Fishmongers
Specials!!
Line caught Sea Bass £15.00
South Coast Plaice £9.00



10mm Single Glazed Toughened for Internal Screens and Balconies

All glass used is 10mm toughened with BS Kite mark, polished on long edges, schlegel is fitted between doors to give a weatherproof seal, all tracks and profiles are made of aluminium produced in the United Kingdom. Glass has sound proofing effect of approximately 40%.

Our system slides on pure PTFE (Teflon) and has no moving parts. The PTFE is fitted to the bottom profile which slides on the bottom track. The gate is located in the door opener which is 13mm wide by 10mm deep. Once you have opened the first door, the second door slides into the opening and locates the spacer bar in turning mechanism. This process is repeated until all doors are open. Doors can only be opened at the gates, and no other place, which makes them very safe. You may have any rail colour, at a small additional cost, and you have the choice of various locking systems.













For more information on Frameless Glass Curtains

Visit our website:

www.framelessglasscurtains.co.uk

Email us:

info@framelessglasscurtains.co.uk

or phone:

01732 848088



Frameless Glass Curtains

Unit 12 - Partridge Farm, Sandy Lane, West Malling, Kent ME19 6TG
T: **01732 848088** www.framelessglasscurtains.co.uk