

POLAR partitioning system

Fire Performance Summary (BS 476: Part 22)

Construction / Combination	Partition Construction Height (mm)	Performance		Performance Summary
		integrity	insulation	
Single Glazed				
- 12.4mm Komfort Intumescent fire glass - dry joint.	3000	30	30	PO / F1
Single Glazed Junctions				
- 90 deg single glazed 12.4mm Komfort Intumescent fire glass	3000	30	30	PO / F14
- Faceted single glazed 12.4mm Komfort Intumescent fire glass	3000	30	30	PO / F14
- 3 Way single glazed 12.4mm Komfort Intumescent fire glass to non fire performance glass	3000	30	30	PO / F14
Single Glazed with Glass Doorset				
- 12mm Pyran - with single glazed in aluminum door frame (SJ35)	3000	30	0	PO / F3
- 12mm Pyran - with single glazed in timber door frame	3000	x	x	x
Single Glazed with Timber Doorset				
- 44mm Timber door - with single glazed in aluminum door frame (SJ35)	3000	30	0	PO / F8
- 44mm Timber door - with single glazed in timber door frame	3000	30	30	PO / F12
Double Glazed				
- Polar Vision 12.4mm Komfort Intumescent / 10mm Toughened - dry joint without ghost post	3000	30	30	PO / F4
- PolarTec 12.4mm Komfort Intum. / 10mm Toughened - dry joint into ghost post without deflection head	3000	30	30	PO / F2
- PolarTec 12.4mm Komfort Intum. / 10mm Toughened - dry joint into ghost post with deflection head [❖]	3000	30	30	PO / F6
- PolarTec 12.4mm Komfort Intum. / 10.8mm Acoustic - dry joint into ghost post without deflection head	3000	30	30	PO / F15
- PolarTec 12.4mm Komfort Intum. / 12.8mm Acoustic - dry joint into ghost post without deflection head	3000	30	30	PO / F16
Double Glazed Junctions				
- 90 deg double glazed 12.4mm Komfort Intum. / Approved Toughened or Acoustic	3000	30	30	PO / F17
- Faceted double glazed 12.4mm Komfort Intum. / Approved Toughened or Acoustic	3000	30	30	PO / F17
- PolarTec 90 deg double glazed 12.4mm Komfort Intum. / Approved Toughened or Acoustic & deflec. hd [❖]	3000	30	30	PO / F7
- PolarTec Faceted double glazed 12.4mm Komfort Intum. / Approved Toughened or Acoustic & deflec. hd [❖]	3000	30	30	PO / F7
Double Glazed with Glass Doorset				
- 12mm Pyran - with double glazed in aluminum offset stop door frame (DGP26)	3000	30	0	PO / F5
- 12mm Pyran - with double glazed in aluminum central stop door frame (DGP25)	3000	30	0	PO / F5
- 12mm Pyran - with double glazed in timber door frame	3000	x	x	x
- PolarTec 12mm Pyran - with double glazed in alum. offset stop dr. frame (DGP26) - ghost post & deflec. hd [❖]	3000	30	0	PO / F11
- PolarTec 12mm Pyran - with double glazed in alum. central stop dr. frame (DGP25) - ghost post & deflec. hd [❖]	3000	30	0	PO / F11
Double Glazed with Timber Doorset				
- 44mm Timber door - with double glazed in aluminium central stop door frame (DGP25)	3000	30	0	PO / F9
- 44mm Timber door - with double glazed in aluminium offset stop door frame (DGP26)	3000	30	0	PO / F18
- 44mm Timber door - with double glazed in timber door frame	3000	30	30	PO / F13
- PolarTec 44mm Timber door - with double glazed in alum. central stop dr. frame (DGP25) - ghost post & deflec. hd [❖]	3000	30	0	PO / F10
- PolarTec 44mm Timber door - with double glazed in alum. offset stop dr. frame (DGP26) - ghost post & deflec. hd [❖]	3000	30	0	PO / F10

❖ PolarTec is also available with a plus 0 minus 25 or plus/minus 25mm deflection head

The Performance Summary colour indicated the following:

■ = Data issued ■ = Data available, to be issued x = Data not available,

