

LOGIKA 3000 Partition System

Space Engineering in an Aluminium partition system

use Right Arrow to move to next slide.

LOGIKA 3000 Double Glazed with blinds



Logika 3000 is a flush framed partition system that provides a wide range of features to enhance commercial interiors.

A patented system of Aluminium profiles with a full range of clip-in adapters allow the system to accept a range of glass thicknesses from 6mm to 12mm.

For total flexibility the system can be upgraded to fire performance utilising the existing visible framing at any stage either during or following installation.

SOUND REDUCTION PERFORMANCE:

- ✍ Solid: 35-48 dB Rw
- ✍ Glazing: 33-42dB Rw
- ✍ Door: 30-36dB Rw

FIRE PERFORMANCE TESTED TO:

- ✍ Solid: 30 – 90 Minutes
- ✍ Glazing: 30 – 72 Minutes
- ✍ Door: 30 – 54 Minutes

LOGIKA 3000 Standard head & Base option



Full height double glazing offering a 42dB Rw sound reduction. The 40mm (nominal) framework width is constant at head base and abutments

Logika 3000 provides a simple glazing system that enhances any working environment, with its clean lines and slim framework.

In this design Ash veneered doors have been set against a contrasting frame in RAL9006. The designer has incorporated manifestation film to the inner face of the glass panels. The cross run is formed from concealed fix solid panels



LOGIKA 3000 Junction posts & bespoke manifestation



In this layout a range of standard angle posts have been combined with a bespoke manifestation design to provide a unique feature wall to these executive offices

Logika 3000 provides total design flexibility to enhance any working environment.

In this design pre-decorated concealed fix solid panels have been combined with corner and end posts that protect the wall from passing pedestrian traffic. The panels provide for total relocatability and flexibility for future layout changes. The posts allow for glazing to be easily substituted for solid should future requirements change.



LOGIKA 3000 Recessed head & base option

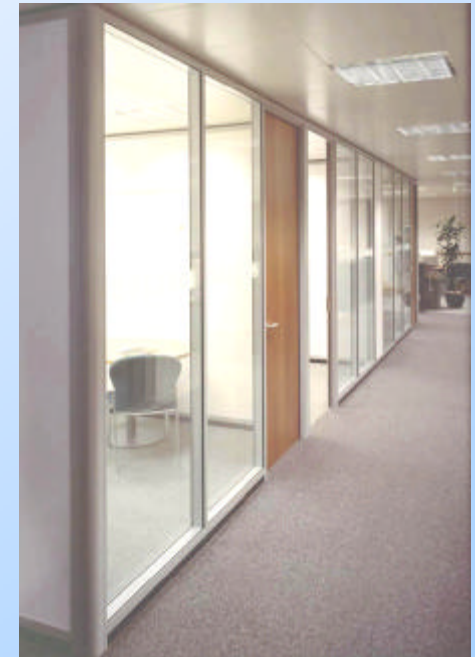


Integral blinds provide visual privacy within double glazing that offers a 42dB sound reduction.

Pre-decorated concealed fix solid panels with up to 48dB Rw sound reduction

Logika 3000 provides a crisp glazing system that enhances any working environment.

In this design Cherry veneered doors have been set against a contrasting frame in RAL9006. The designer has incorporated pre-decorated Vee joint panels for a clean “trimless” wall finish.



Manifestation option



OPTIONAL Recessed head and base details provide a neat interface with the existing structure, whilst adding vertical flexibility to maximise relocatability.

LOGIKA 3000/5000 Taped & jointed Option

In this installation the designer has incorporated the Logika 3000 tapeable post to give a “frameless” appearance to the LOGIKA 5000 12mm single glazed office fronts



In another part of the same project the Logika 3000 Tapeable post has been used for a double glazed meeting room that utilises the Logika 5000 “Spectar” Clear Ghost post system. Also included is the optional timber door frame in lieu of the standard aluminium door frame



NOTE: Whilst taped and jointed solid elevations provide a clean visual appearance they are not relocatable due to the board fixings being covered by the joint finish. Where relocatability is required clients should consider the concealed fix pre-decorated board option which is fully relocatable.

LOGIKA 3000 Meeting rooms & “Break out” areas



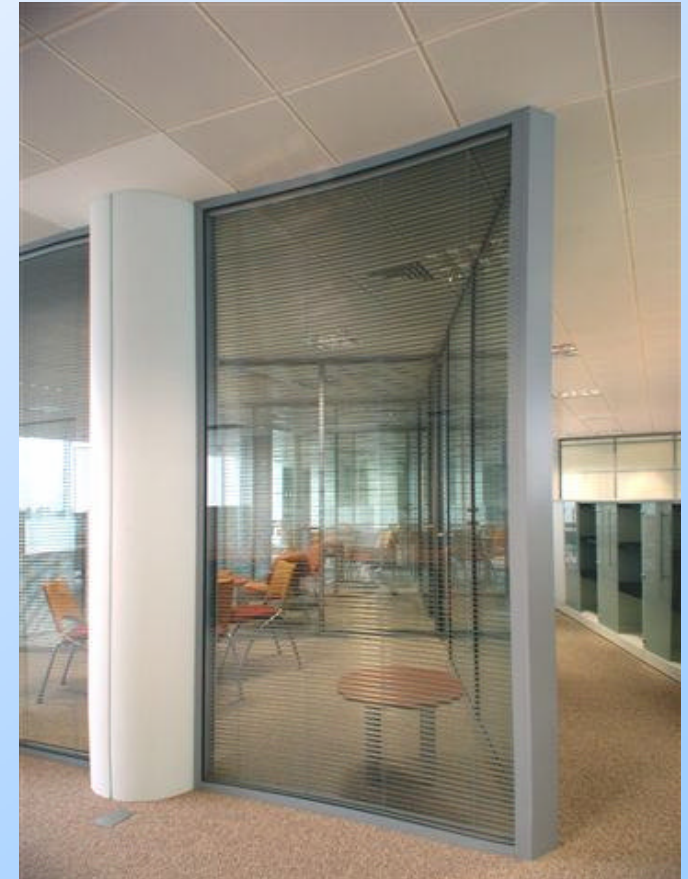
Meeting Room with integral blinds for privacy and a fully glazed door in an acoustic frame providing extra acoustic privacy.



Break out area utilising the 165° facet post in Free standing screen configuration. The lower panels are veneered with Maple and the glazing incorporates privacy film in the first two levels.

LOGIKA 3000 Bespoke Corner junctions

The meeting room forms part of an island of meeting rooms within a general open plan layout. The integral blinds have been opened to show the room within. Glass doors in standard frames provide additional acoustic privacy.



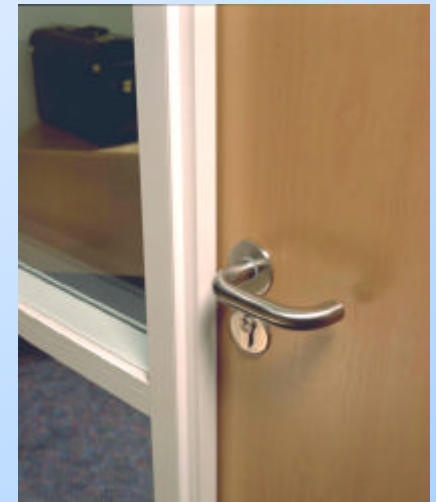
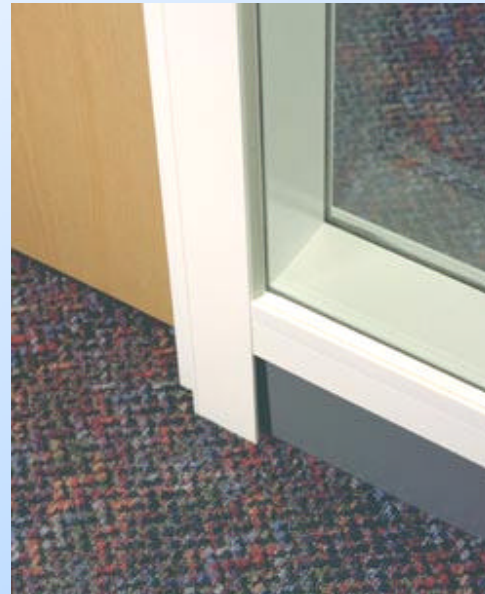
LOGIKA 3000 can accommodate almost any angle to suit most layout requirements
In this layout the designer required a 98° obtuse corner and an 82° acute corner to compliment it.

LOGIKA 3000 Banded Glazing

In this installation the designer has chosen banded double glazing



A recessed base creates a clean line to the existing floor finish



Detail of Square door frame option with Logika Stainless Steel ironmongery

The slim profiles of Logika 3000 provide a simple means of accommodating transoms, mullions and door frames that present a clean clutter free appearance.

LOGIKA 3000 System specification

SUMMARY FEATURES & BENEFITS

1. The LOGIKA 3000 PARTITION system is classified as a STUD and SHEET system under BS5234: part 1:1992 definition for partition structures. It is capable of satisfying the criteria for both Medium Duty or Heavy Duty determined by the choice of panel facing and internal structure selected from its range of components. LOGIKA 3000 glazing complies fully with BS6262 for “edge cover” and “back clearance” enhancing safety, and has been fire tested to BS476 part 22 for 74 minutes.

2. Versatility: The key to LOGIKA 3000 is VERSATILITY. The system employs a range of extruded aluminium profiles which in combination with a choice of internal framing offer a range of performance characteristics up to 3600mm high. All acoustic and fire performances are achieved within the common 77mm wall thickness, maintaining a common visual appearance in all specifications. This minimises the number of profiles required and keeps alteration costs low. Cheaper alternatives offer a degree of flexibility, but cannot offer an upgrade path for fire and acoustic privacy. From BS5234 the recommended acoustic performance for General Offices is 38dB(Rw) and for Private Offices the standard requires 44dB (Rw). LOGIKA 3000 can achieve up to 48dB (Rw) utilising standard components.

3. SIMPLICITY SHELVING HEAD: The latest head channel design provides support for the “screw-less” “Simplicity” shelving system. A system of shelving that requires no special skills or fixings to install. This improves the reusability of the partition panels as no unsightly fixing holes are left when the shelving is relocated. The head also provides the additional flexibility of a recessed/compression head option.

4. ACOUSTIC PERFORMANCE: Within its 77mm width LOGIKA 3000 provides from 35dB (Rw) up to 48dB (Rw) sound performance. The acoustic upgrades can be performed at ANY time (i.e. during a reorganisation of a work area) and ALL MAIN VISIBLE FRAMEWORK REMAINS IN PLACE reducing disruption and cost.

SOLID	35dB, 42dB, 45dB and 48 dB (Rw) options
TIMBER DOOR SETS	34 - 36dB Rw (subject to base configuration)
GLAZING	Up to 38dB Rw (single acoustic laminate) – Up to 42dB Rw (double glazed)

5. FIRE PERFORMANCE: The LOGIKA 3000 system provides up to 90 minutes fire rating in solid elevations, 74 minutes in glazed elevations and 50 minutes in door elevations when used in combination with LOGIKA 2000 solid panels.

SOLID	UP TO 90 minutes using Logika 2000 solid construction
DOOR	UP TO 50 minutes - STANDARD HEIGHT
GLAZING	60 minutes - GLASS AREA UP TO 3.6 Sq.m *

* incorporating Pyran Glass

6. VISUAL CHOICE

SOLID elevations:

"CONCEALED FIX' panel joints using pre-decorated bevel edged Gypsum panels.

Flush filled for a smooth permanent look.

Cover strip modular joints or Feature joint with cover strip and colour coordinated insert

LOGIKA 3000 System specification

7. GLAZED elevations:

LOGIKA 3000 - FLUSH SINGLE OFFSET GLAZING in full or part height framed modules.

LOGIKA 3000 - FLUSH DOUBLE GLAZING in full or part height framed modules.

The above options can be supplied with INTEGRAL BLINDS.

8. LOGIKA 5000 – Glass system

The LOGIKA 5000 range is fully compatible with LOGIKA 3000 and offers range of Slimline “frameless” single glazing components and a unique double glazed option utilising a transparent ghost post.

LOGIKA 5000S - Single Silicon jointed or patented “Dry Jointed” glazing with off-set or centralised 12mm safety glass.

LOGIKA 5000D - Double glazed “dry Jointed” clear ghost post – accepts 6.4mm and 6mm safety glass.

9. LOGIKA Architectural Ironmongery and Door Configurations

The Logika 3000 and Logika 5000 systems include a full range of high quality compatible stainless steel ironmongery and a full range of door configurations including:

High quality solid core veneered doors with concealed hardwood lippings

Glass doors in “frameless” and “framed” configurations.

6. AVAILABILITY AND SERVICE: -

The LOGIKA framing system is offered in ANY colour from the RAL or BS4800 range within 7-10 days of order receipt. Special door veneers may take up to 4 weeks to procure. In the event of URGENT needs SMALL QUANTITIES of coated material may be processed within 3 working days. If you have a large ongoing requirement we are prepared to consider stocking your specific colours in regularly used sections for Ex-Stock availability. All main profiles are held in stock coated in RAL 9010.