

**ARCHITECTURAL STANDARDS
PRODUCT DATA SHEET**
L20

Movable Partition

L20/545

PREFERRED SUPPLIER INFORMATION

NBS REFERENCE L20/545

MANUFACTURER: Dorma

Address Industriestraße 5, 26655 Westerstede/Ocholt

Tel 0049 4409 666 0

E-mail info.hueppe@dorma.com

Website: www.dorma-huppe.com

Style Door Systems Ltd - south@style-partitions.co.uk -

Supplier: Contact: 01202 874044 - Mark Atkins or Martin Lester



PRODUCT DESCRIPTION

ICL APPROVED SPECIFICATION

Range: Variflex

Product Code 88/100/120

Material Range of finishes available to suit client requirements

Size Bespoke to fit site dimensions

Environmental EPD Certified product ISO 14025 (declaration available on request)

Recycling Full details available within EPD declaration

Guarantees 2 year warranty subject to correct servicing

Production System manufactured in Ocholt, Germany

TYPICAL NBS SPECIFICATION

L20/545 Moveable Partition - Fully Automatic/Semi Automatic/Manual

Standard ICL Approved Standard

Manufacturer Dorma

Product Reference Variflex 88/100/120

Characteristics: Moveable wall comprising individual top hung, full height panels of equal size, made to measure to suit site dimensions. When wall is closed between fixed abutments it gives the appearance of a solid flush wall, with concealed interlocking concave and convex extruded aluminium edge profiles which incorporate integral magnetic strips.

Method of operation: Fully automatic/Semi automatic/Manually operated moveable wall system. Each element incorporates spring loaded top and bottom mechanical seals. Seals are operated by means of a removable 'crank' handle and engaged by a winding mechanism to ensure optimum contact pressure of 1500N minimum. Seals are to be constructed of aluminium with flexible rubber inter locking contact points.

Construction: Tri-block panels to be constructed of a steel frame complete with independent aluminium edge profiles, panel thickness 88/100/120mm. The frame must be clad either side with 10mm MDF/16mm 3-ply quality chipboard panels hung in acoustic isolation from the frame and allowed to vibrate independently of the frame. The fascia panels must be easily removable without the need to remove the panels from site. Track extruded aluminium, track junctions incorporating drop forged roller bearings. Carriers fully adjustable and secured to panels by horizontal ball bearings engaging with shock absorbing roller pins.

Acoustic insulation: Ranging from 38dB Rw to 60dB Rw depending on system and thickness. Laboratory test must be based upon a complete system of minimum 4 No panels including a telescopic end panel and wall abutments.

Type

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	<p>Panel types: Standard (VE) Telescopic (TE) Flush Telescopic (FTE) Expandable Wall Abutment (AWA) Angled (EE) Single Pass Door (DT) Double Pass Door (DTZ) Full Height Door (FT) Glass (GE)</p> <p>Parking position: PL1 single point, PL2/3/4/5/6 double point (numerous options available, for specific parking requirements please contact Style to discuss)</p> <p>options: Fully automatic - turning a key and pressing a button. Semi automatic – manually move panels, seals set automatically. Manual – manually move panels and set seals manually with a removeable handle. (there are also different track systems for manual / semi-auto options significantly reducing manual handling with taller panels)</p> <p>For construction phase and long term repairs and maintenance manual handling is minimised as face boards are separate to inner frame / mechanism. ie The full weight of the panel which can be significant (23 – 61kg/m2 dependant on performance requirements / dimensions) is never required to be handled as a single unit. Face boards can be easily removed providing very easy to access to working parts for repairs / maintenance whilst panel still in track. And in the unlikely event panels are damaged very easy to replace.</p>	
Fire safety	Available in 30 minute fire rating if required (including single pass door)	
warranty	2 year warranty subject to correct servicing	
Size	Bespoke to fit site dimensions	
Material /Finish	Primed surface for on-site decoration by others/Melamine or high pressure laminate from the Classic Collection/Wood veneer from the Design Collection (other finishes possible subject to feasibility)	
Recycling issues	See EPD declaration	
Enironmental issues	Full environmental certification available subject to final finishes	
Source	System manufactured in Ocholt, Germany	
Maintenance issues	Full maintenance details to be supplied within O&M. Generally single service visit required per year depending on usage.	
Cleanability	Dependant on final finishes	