

NBS L20/545

PARTITION

Version 06/Jan 2016/Page 1 of 2

APPENDIX 16

FORTRESS OPERABLE PARTITION WALL 100 & 110

FORTRESS TYPE 100/110 OPERABLE WALL

Characteristic / Application		Esthetical option. High sound isolation qualities, suitable for all purposes and completely flexible in execution and finishing.			
Normal Panel Measurements					
Thickness		116 mm			
Width		450 – 1.233 mm.			
Height		2.000 – 8.000 mm. Minimal height for a door panel with a door blade height of 2.100 mm. = 2.470 mm.			
Frame Construction		Self-supporting aluminium frame, made from hard-aluminium profiles (ALU 6060 - VB6 A5 VOM1) with internal steel reinforcements, where the plates are fixed to the frame with consideration to sound isolation. Non-visible aluminium frame.			
Sides Plates		High quality E1 chipboards 12 mm., with a press value of: 680 – 720 kg/m ³ .			
Finishes		All normal finishes that are used in interiors.			
Fire Resistance		In all standard executions: Class 2 EN 6065:1991/A1:1997			
Sound Isolation	37dB	41dB	45dB	50dB	53dB/56dB
Weight	37 kg/m ²	42 kg/m ²	45 kg/m ²	56 kg/m ²	60 kg/m ²
Side closure of the panels		Double execution of a tongue-and groove principal, whereby a solid and uniform sound isolation is guaranteed.			
Upper and under closure of the panels		Hard-aluminium extendable-profile (ALU 6060 – VB6 A5 VOM1) including a closing EPCM (rubber) profile			
Pressure		40 kp, included in all panels is a compensation spring, which because of the pressure, allows the seal to compensate for any small discrepancies on site.			
Operating mechanism		Very user friendly Quick-mechanism (quarter turn) and with the telescopic-panel the patented double action mechanism, whereby the building up and taking down of the wall is extremely quickly done.			
Rail		Hard-aluminium profile (ALU 6060 – VB6 A5 VOM1), for the 1-point rail with sizes 50x98 mm. (wxh), and for the 2-point rail with the sizes 74x98 mm. (wxh)			
Trolleys		Ball bearings with plastic (PA/Nylon) running surface, where by a silent and light movement of the panels is guaranteed. 1-point: max. 240 kg panel weight 2-point: max. 400 kg panel weight			
Statistic behaviour		The panels are hung only in a self-supporting track, and may not be overloaded with forces from the outside. I.e. the panels are not a load-bearing part of a building construction.			
Conditions of the environment		1. Only suitable for inside 2. Dry surroundings with maximum relative air-humidity of 60%			

Head Office:

06 Trench Road, Hydepark Industrial Estate
Newtownabbey, Belfast, BT36 4TY

T +44 (0)28 9034 2655
F +44 (0)28 9034 2651

sales@fortress-sefa.com
www.fortress-sefa.com

NBS L20/545

PARTITION

Version 06/Jan 2016/Page 2 of 2

APPENDIX 16

FORTRESS OPERABLE PARTITION WALL 100 & 110

FORTRESS TYPE 100/110 OPERABLE WALL

Finishes

Door panels can be supplied BS EN 12206-1 DuPont® polyester powder coated (PPC) to the Fortress Pro-Tec range of 29 BS and RAL colours. Matt PPC finishes only. All finishes are applied in-house using an electrostatic process. Under normal circumstances average film thickness of 60-80µm (microns) is applied. Non-standard colours are available on request - this may increase lead times. Please consult Fortress SEFA for advice.
Laminate/melamine
Carpet
Veneer
Matching wall finish
White Board

**Standard DuPont®
Colour Range**

BS 00A05; BS 08B29; BS 04E53; BS 12B27; BS 18B25; BS 18E53; RAL 1015; RAL 1021; RAL 3005; RAL 3020; RAL 5003; RAL 5005; RAL 5010; RAL 5013; RAL 5015; RAL 6005; RAL 6029; RAL 7016; RAL 7021; RAL 7031; RAL 7035; RAL 7037; RAL 8016; RAL 9001; RAL 9005 (BLACK); RAL 9006 (SILVER); RAL 9007; RAL 9010 (WHITE); RAL 9910.

Services

Fortress SEFA provides a full technical advice service.
NBS Specifications.
RIBA CPD.

Manufacturer

Fortress Pro-Tec Ltd. 120 Old Coach Road, Templepatrick, Ballyclare, County Antrim, BT39 0HA.
Tel: +44 (0)28 9443 3693. Fax: +44 (0)28 9034 2651.
Email: info@fortress-sefa.com Web: www.fortress-sefa.com