

TECHNICAL DATA SHEET

DESCRIPTION

Partition with visible structure and 76 mm thickness. Solid or glazed partition.

CONSTRUCTION

- **STRUCTURE:**
Extruded aluminum, it consists of upper channel with clipped post cab of 35 mm height, lower channels monoblock of 25 mm height, vertical studs, wall channels with post cab clipped of 32/25 mm large.
- **FACINGS:**
Two facings from 12 mm to 13.5 mm in wooden Hdf chipboard or gypsum board filled with glass wool (13 kg / m³- Thickness 45 mm).
- **JUNCTION BETWEEN PANELS:**
 - . 32 mm wide post cab clipped.
 - . Possibility of zero junction.
- **GLAZING:**
 - . Double glazed from 6 mm to 12 mm thickness, full height, with upper or lower solid panel.
 - . Possibility of frameless glazing.
- **DOORS:**
 - . Aluminum door frame with adjustable height hinges, edge joints in EPDM, with or without upper panel.
 - . Reversible door frame.
 - . Wooden doors, glazed doors with aluminum frame in single or double glazed, or Clarit doors.

FINISHING AND OPTIONS

- **SOLID PARTITION:**
 - . Melamine / laminated finishes.
 - . Vinyl finishes factory oven cured on panels.
 - . Stretched or glued fabrics.
 - . Natural wooden veneer.
 - . Facings in sheet steel.
- **SOLID DOORS:**
Laminated or wood veneer finishing.
- **VISIBLE ALUMINUM PROFILES:**
Anodized or lacquered powder coated.
- **PARTITION ADDED VALUE:**
 - . Integrated hanging system on the upper profile up to 10 kg.
 - . Variable angles.
 - . Vertical and horizontal sleeves for cabling.
 - . Glazing: films, sand blasting and colored glass.

GEOMETRICAL FEATURES

- **DIMENSIONS:**
Height:
 - . Up to 3500 mm in one piece (depending on chosen finish).
 - . Upon request, segmented elements.Width:
 - . Module standard up to 1212 mm on gypsum board.
 - . Modulation according to the finishing choice.

INSTALLATION FEATURES

- . The installation is made between finished floor level and finished ceiling.
- . Studs are mounted between the upper and lower channels.
- . Facings are secured on the structure, by clipped post cab and clipped base.

ACOUSTICS

Weighted sound reduction index following EN ISO 717-1.

- **SOLID PANEL:**
 - . With facing in plasterboard:
R_w (C ; C_{tr}) = 43 (-3;-10) dB
acoustic version strengthened to
R_w (C ; C_{tr}) = 54 (-3;-10) dB
- **GLAZED PANEL:**
 - . Double glazing (6 + 8 mm) :
R_w (C ; C_{tr}) = 42 (-1;-6) dB.
acoustic version strengthened until
R_w (C ; C_{tr}) = 47 (-2;-6) dB

ACCESSORIES

Clestra offers a wide range of partition accessories, provided with a clever self-fastening system. Coat hooks, hooks, picture rails, whiteboards, door signs, document holders, can be put up and taken down like a «post-it@», without damaging the partition. Magnetic, suction or velcro fastening depending on the supporting partition. Available from www.hop-hop.com

Our products are constantly changing. To find out about the latest approved acoustic performances, please visit www.clestra.com



Clestra Range	Partition Thickness	Type	Head Channel - Base Channel	Tolerance	Glass vertical joints	Glass Type	Privacy Options	Acoustic Test Configuration	Acoustic performance (Rw)	Fire Resistance	Impact resistance (ETA 003)		
Texto	73mm	Double Glazed	35mm - 25mm	+/- 13mm	Dry-jointed EPDM, I-bone polycarbonate, 3M tape	10mm tempered 12mm tempered 10.8mm laminated 12.8mm laminated		10mm tempered + 12mm tempered	43 dB				
								10mm tempered + 12.8mm laminated	45 dB				
								12mm tempered + 12.8mm laminated	46 dB				
				Single Glazed Centred				8/10/12mm		10mm tempered	31 dB (A)		
				Single Glazed Offset				10mm		10mm tempered	31 dB (A)		
				Double Glazed	35mm - 25mm	+/- 13mm	32mm aluminium frame	6mm tempered 8mm tempered 8.8mm laminated		6mm tempered + 8mm tempered	43 dB		
										6mm tempered + 8.8mm laminated	44 dB		
										8.8mm laminated + 8.8mm laminated	47 dB		
					Head Channel - Base Channel	Tolerance	Vertical Joints	Racking Strips	Other Optinos	Acoustic Test Configuration	Acoustic performance (Rw)	Fire Resistance	Impact resistance (ETA 003)
				Solid Panel	35mm - 25mm	+/- 13mm	32mm vertical profile	No	Fabric	Plaster board + Plaster board	43 dB		
										{Plaster board + EPDM 5kg} + {Plaster board + EPDM 5kg}	51 dB		
										Fermacel board + Fermacel board	50 dB		
										{Plaster board + EPDM 10kg} + {Plaster board + EPDM 10kg}	54 dB		
		Solid Panel			0mm	No	Fabric	Melamine + Melamine	41 dB				
								{Melamine + EPDM 5kg} + {Melamine + EPDM 5kg}	49 dB				
								{Melamine + EPDM 5kg} + {Melamine + EPDM 10kg}	50 dB				
								{Melamine + EPDM 10kg} + {Melamine + EPDM 10kg}	51 dB				
			Leaf Thickness	Frame Type	Butt Hinges (H) / Pivot Hinges (P)	Glass type		Acoustic Test Configuration	Acoustic performance (Rw)	Fire Resistance	Impact resistance (ETA 003)		
		Framed double glazed doors	40mm	C35 (35mm)									
		Framed single glazed doors	40mm										
		Glass Door	10mm / 12mm										
			Leaf Thickness	Frame Type	Butt Hinges (H) / Pivot Hinges (P)	Door Type		Acoustic Test Configuration	Acoustic performance (Rw)	Fire Resistance	Impact resistance (ETA 003)		
		Timber Door	40mm	C35 (35mm)	H & P	40mm Timber Leaf							

We are constantly improving our products to reach higher performance. Please contact us for more information.
The information featured in this document is for guidance only.