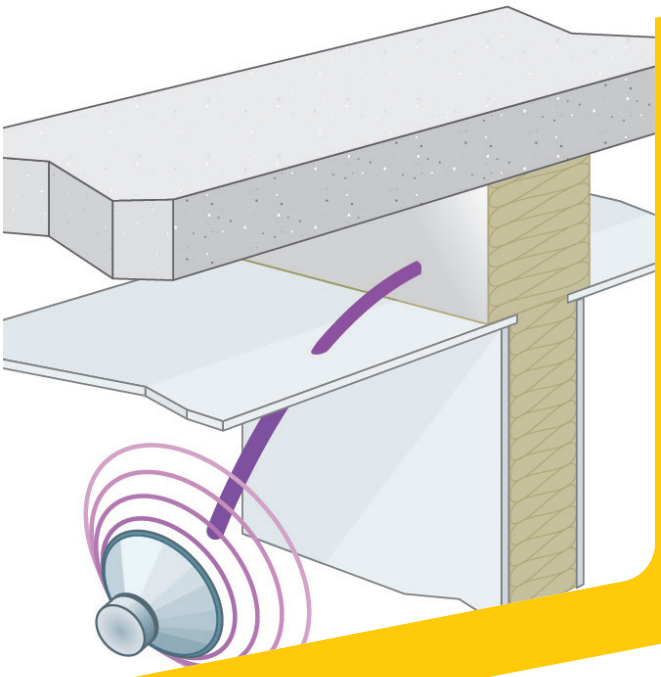

arena Plenum

Vertical interior partitions

Description

Applications

Due to its thermal and acoustic properties, the ISOVER **Arena plenum** is the number 1 choice for:

- Plenums - placed between the framing and the dividing partition wall.
- Roll format ensuring improved instalment on large project.

Advantages

- Excellent acoustic insulation between adjoining spaces.
- Aluminium lining on both sides to reinforce the sound barrier effect.
- Dimensions adapted to minimise product wastage on site.
- Sustainable product - manufactured from over 50% recycled material. 100% recyclable.
- Inert material ensures an inhospitable environment for micro-organisms.
- Maintains unaltered system performance throughout the useful life of the building, with no drop-off over time.

Certificates

arena Plenum

Technical properties

Symbol	Parameter	Units	Value	Norm
λ_D	Stated thermal conductivity	W/m.K	0.034	EN 12667 EN 12939
C_p	Approximate specific heat	J/(Kg.K)	800	-
AF_R	Resistance to air flow	kPa.s/m²	> 5	EN 29053
-	Reaction to fire	Euroclase	B-s1,d0	EN 13501-1
WS	Water absorption	kg/m²	< 1	EN 1609
Z	Water-vapour diffusion resistance of the kraft paper lining	m².h.Pa/mg	100.00	EN 12086
MU	Resistance to water vapour diffusion factor, μ	-	1	EN 12086
DS	Dimensional stability, Δε	%	< 1	EN 1604

Thickness d, mm EN 823	Stated thermal resistance R_D, m².K/W EN 12667 EN 12939	Acoustic absorption co-efficient AW, α_w EN ISO 354	Designation code EN 13162
80	2.35		MW-EN 13162-T3-DS(23,90)-Z100-AFr5

Presentation

	Thickness d (mm)	Length l (m)	Width b (m)	m² /pack	m² /pallet	m² /truck
Panel	80	1.35	0.60	4.86	97.20	1750

Installation guide

Remember that you can find information about how to handle, use and unload our products on our website. Additional information available at: www.isover.es

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The company cannot guarantee the absence of inadvertent errors.

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