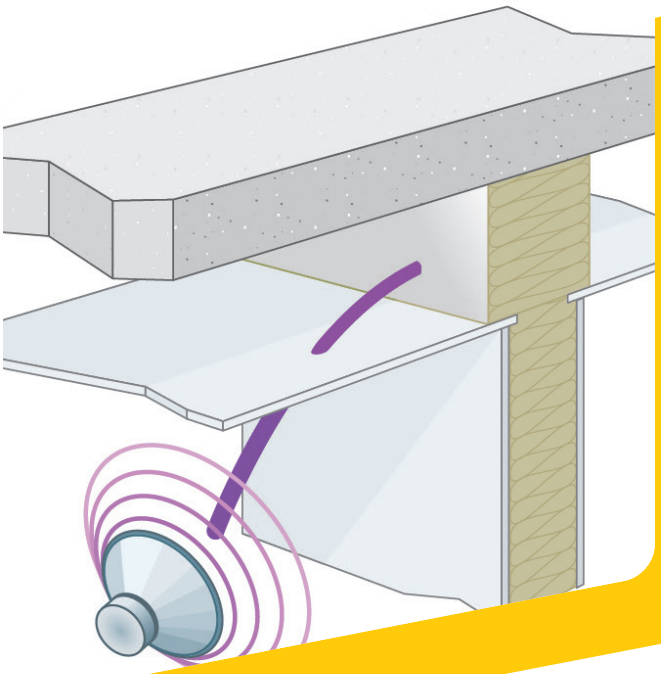

arena Plenum

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	Stated thermal resistance R_D, m².K/W	Acoustic absorption co-efficient AW, α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
80	2.20		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

SAINT-GOBAIN

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