

# Arena Plenum

## Vertical interior partitions

### Descripción

Semi-rigid non-absorbent **arena** ISOVER, stonewool panel, lined on both sides with an aluminium reinforcement sheet. Designed to offer high acoustic performance throughout the building.

### Applications

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

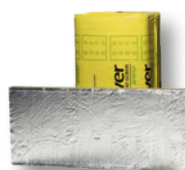
- Plenums - placed between the framing and the dividing partition wall.
- Roll format ensuring improved instalment on large project

### CTE Technical properties

Symbol	Parameter	Icon	Units	Value	Standard
$\lambda_D$	Stated thermal conductivity		W/m·K	0,036	EN 12667 EN 12939
$C_p$	Approximate specific heat		J/kg·K	800	-
$AF_R$	Airflow resistance		kPa·s/m²	> 5	EN 29053
—	Reaction to fire		Euroclass	B,s1,d0	EN 13501-1
WS	Short-term water absorption		kg/m²	< 1	EN 1609
Z	Paper lining steam diffusion resistance		m²·h·Pa/mg	100	EN 12086
MU	Steam diffusion resistance, $\mu$		—	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$		%	< 1	EN 1604

Thickness d, mm	Stated thermal resistance $R_D$ , m²·K/W	Designation code
EN 823	EN 12667 EN 12939	EN 13162
80	2,20	MW-EN 13162-T3-DS(23,90) -WS-Z100-AFr5

### Presentation



Thickness d (mm)	Length l (m)	Width b (m)	m²/package	m²/pallet	m²/truck
Panels					
80	1,35	0,60	4,86	97,20	1.750

### 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



### Installation guide

For further information: [www.isover.es](http://www.isover.es)

