



# IBR

## Ceilings

### Description

Non-hydrophilic ISOVER glass wool roll, with one side covered with *kraft* paper, which acts as a vapour barrier.

### Application

Specifically designed for thermal and acoustic insulation on false ceilings and roof slabs (indoor insulation), avoiding the appearance of condensation in cold climates.

- Attics
- Ceiling
- Pitched roofs

### CTE stack Technical Properties

Symbol	Parameter	Icon	Units	Value	Regulation
$\lambda_D$	Stated thermal conductivity		W/m-K	0,040	EN 12667 EN 12939
$C_p$	Approximate specific heat		J/kg-K	800	-
$AF_R$	Resistance to air flow		kPa-s/m <sup>2</sup>	> 5	EN 29053
—	Reaction to fire		Euroclass	F	EN 13501-1
WS	Water absorption		kg/m <sup>2</sup>	< 1	EN 1609
Z	Paper lining steam diffusion resistance		m <sup>2</sup> -h-Pa/mg	3	EN 12086
MU	Water vapour diffusion resistance, $\mu$		-	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$		%	< 1	EN 1604

Thickness d, mm	Stated thermal resistance $R_D$ , m <sup>2</sup> -K/W	MU*	Designation code
EN 823	EN 12667 EN 12939	EN 12086	EN 13162
80	2,00	28	MW-EN13162-T2-DS(23,90)-WS-Z3-AFr5
100	2,50	23	
120	3,00	19	

\*MU: Resistance equivalent to water-vapour diffusion,  $\mu$  (Wool + lining).

### Presentation



Thickness d (mm)	Length l (m)	Width b (m)	m <sup>2</sup> /package	m <sup>2</sup> /pallet	m <sup>2</sup> /truck load
80	12,00	1,20	14,40	288,00	5.184
80	12,00	0,60	14,40	288,00	5.184
100	10,00	1,20	12,00	240,00	4.320
120	9,00	1,20	10,80	216,00	3.888

### Advantage

- Thermal and acoustic insulation performance in building .
- Suitable for new and renovation works.
- Flexible material.
- Easy to install product around windows, rafters, pillars, etc. Keeping its continuity and initial state.
- Recommended in pitched roof and light frame structures
- Sustainable product with a composition of more than 50% recycled material. 100% recyclable material.
- Inert material, inhospitable for micro-organisms.
- Maintains system performance throughout the useful life of the building, it does not degrade over time.



### Certification



### Installation Guide

Additional information available at: [www.isover.es](http://www.isover.es)

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