



Insula

Mineral wool inlay in acoustic foil

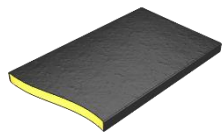
Insula mineral wool inlays are used to improve room acoustics. Very high sound absorption values can be achieved depending on the chosen perforation and acoustic inlay. The inlays consist of mineral wool in different thicknesses and gross densities that is shrink-wrapped in acoustic transparent black foil. Thus, there is no fibre fly and mineral wool inlays are harmless for health.

- acoustic inlay to improve room acoustics
- no fibre fly – harmless for health
- normal combustibility, difficult to ignite or noncombustible

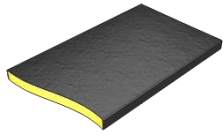


Technical data

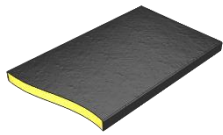
Insula B2

Thickness		20 mm, 30 mm	
Colour		black	
Material		mineral wool, shrink-wrapped in acoustic transparent polyethylene foil	

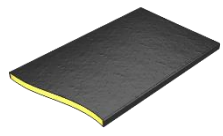
Insula B1

Thickness		20 mm, 30 mm	
Colour		black	
Material		mineral wool, shrink-wrapped in acoustic transparent polyethylene foil	
Flow resistance	DIN EN 29053	≥ 18 kPa s/m ²	

Insula A2

Thickness		20 mm, 30 mm	
Colour		black	
Material		mineral wool, shrink-wrapped in acoustic transparent polyethylene foil	
Flow resistance	DIN EN 29053	≥ 12 kPa s/m ²	

Insula CA

Thickness		20 mm	
Colour		black	
Material		mineral wool, shrink-wrapped in acoustic transparent polyethylene foil	



Acoustics

Room acoustics

Room acoustics

Very high sound absorption values up to sound absorber class A can be achieved depending on the chosen perforation and acoustic inlay.

Fire protection

Building material class

Building material class Insula B2	DIN 4102-1	B2
Building material class Insula B2	DIN EN 13501-1	E / C - s1, d0 / B - s2, d0
Building material class Insula B1	DIN 4102-1	B1
Building material class Insula B1	DIN EN 13501-1	C - s1, d0 / B - s2, d0 / B - s1, d0
Building material class Insula A2	DIN EN 13501-1	A2 - s1, d0
Building material class Insula CA	ASTM E 84	Class A

Combinable with

Metal ceilings	LMD-B 100 LMD-B 110 LMD-DS 315 LMD-DS 320 LMD-E 200 LMD-E 210 LMD-E 213	LMD-E 213 BWS LMD-E 214 LMD-E 300 LMD-E 312 LMD-E 321 LMD-E 340	LMD-K 420 LMD-L 601 LMD-L 607 LMD-L 608 LMD-L 609
Heated/Chilled ceilings	Plafotherm® B 100 Plafotherm® B 110 Plafotherm® DS 315 Plafotherm® DS 320 Plafotherm® DS Tabs 78 Plafotherm® DS Tabs 125	Plafotherm® DS TAS Plafotherm® E 200 Plafotherm® E 210 Plafotherm® E 213 Plafotherm® E 214 Plafotherm® E 312	Plafotherm® GK HEKDA® Plafotherm® L 608 Plafotherm® L 609 Plafotherm® St 213