



## 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	

##### Insula A2

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

##### 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
Building material class   Insula B1	DIN 4102-1	B1
Building material class   Insula B1	DIN EN 13501-1	C - s1, d0 / B - s2, 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	<a href="#">LMD-B 100</a> <a href="#">LMD-B 110</a> <a href="#">LMD-DS 312</a> <a href="#">LMD-DS 313</a> <a href="#">LMD-DS 320</a> <a href="#">LMD-E 200</a> <a href="#">LMD-E 210</a>	<a href="#">LMD-E 213</a> <a href="#">LMD-E 213 BWS</a> <a href="#">LMD-E 214</a> <a href="#">LMD-E 300</a> <a href="#">LMD-E 312</a> <a href="#">LMD-E 321</a> <a href="#">LMD-E 340</a>	<a href="#">LMD-K 420</a> <a href="#">LMD-L 601</a> <a href="#">LMD-L 607</a> <a href="#">LMD-L 608</a> <a href="#">LMD-L 609</a> <a href="#">LMD-TS 100</a>
Heated/Chilled ceilings	<a href="#">Plafotherm® B 100</a> <a href="#">Plafotherm® B 110</a> <a href="#">Plafotherm® DS 312</a> <a href="#">Plafotherm® DS 320</a> <a href="#">Plafotherm® DS Tabs 78</a> <a href="#">Plafotherm® DS Tabs 125</a>	<a href="#">Plafotherm® DS TAS</a> <a href="#">Plafotherm® E 200</a> <a href="#">Plafotherm® E 210</a> <a href="#">Plafotherm® E 213</a> <a href="#">Plafotherm® E 214</a> <a href="#">Plafotherm® E 312</a>	<a href="#">Plafotherm® GK HEKDA®</a> <a href="#">Plafotherm® L 608</a> <a href="#">Plafotherm® L 609</a> <a href="#">Plafotherm® St 213</a>