

Stisolétanch® BBA

DESCRIPTION

Stisolétanch® BBA is a rigid, straight-edged, fire-retardant expanded polystyrene panel for insulation under independent waterproofing on inaccessible roofs. It is ACERMI certified for all thicknesses from 50mm to 300mm.

Installation between 300 and 400 mm thick is possible subject to prior validation of the site by your HIRSCH Isolation Market Manager.

FIELD OF USE

Stisolétanch® BBA panels can be installed on a wooden, concrete or steel supporting element on various types of inaccessible roofs :

- Technical terraces or technical areas protected by prefabricated slabs
- Rainwater retention roofs
- Green roofs

Surface mounted: 20 kPa maintained at 80°C: class B Under heavy protection: 40 kPa maintained at 60°C : class C

REGULATION

Stisolétanch® BBA panels must be installed in accordance with the Technical Application Document no. 5.2/19 - 2660_V2.

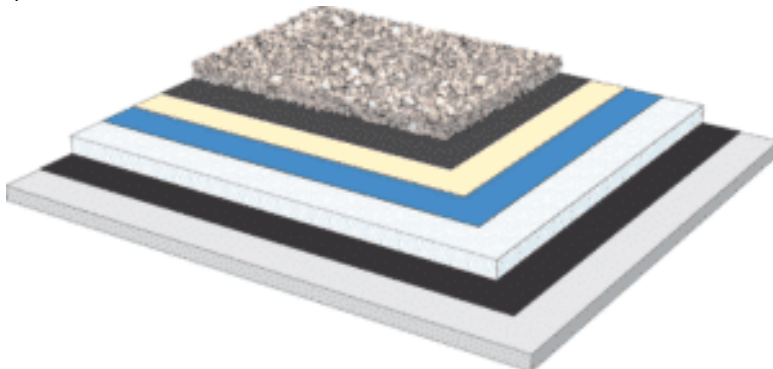
IMPLEMENTATION

Stisolétanch® BBA panels are installed on the supporting element with a vapour barrier.

They can be laid in one or two layers, staggered and jointed.

Maximum operating temperature to be respected : 85°C

Below is an example of a waterproofing complex on a flat roof with gravel protection :



PRODUCT ADVANTAGES

- Enables compliance with thermal regulations
- Lightweight product to increase site productivity
- Reducing the complexity of implementation
- Produced and manufactured in France



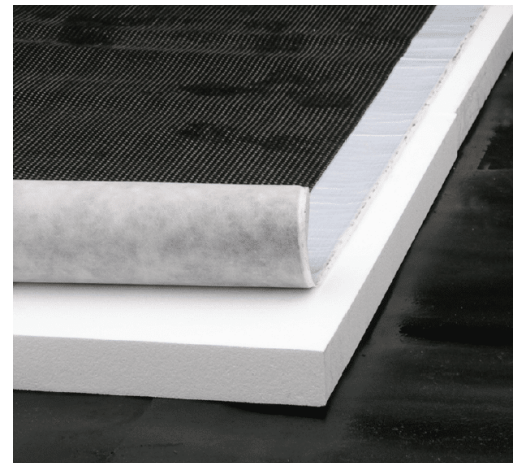
Insulation thermal



Productivity site

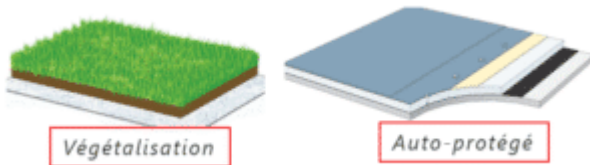


Lightweight product



Stisolétanch[®] BBA

Other possible waterproofing options :



Legend for the diagram (from bottom to top) :

- Load-bearing masonry element
- Welded or loose vapour barrier, welded joints
- Stisolétanch[®] BBA expanded polystyrene panel
- Independence screen
- Possible heat shielding
- Free standing waterproofing
- Protection by gravel, vegetation or self-protecting

PRODUCT CHARACTERISTICS

- | | |
|---|---|
| <ul style="list-style-type: none"> ■ Destination
Inaccessible flat roof ■ Use
Concrete, wood or steel roof ■ Type of insulation
Expanded Polystyrene (EPS) ■ Thermal conductivity λ
36, mW/m.K ■ N°ACERMI
03/081/223 | <ul style="list-style-type: none"> ■ Technical Notice No.
5/13-2340 ■ N° DTU
43.1 ■ N° DOP
ISOL001-11 ■ Reaction to fire (Euroclasse)
E |
|---|---|

PRODUCT DETAILS

Stisolétanch® BBA

PACKAGING

Name of the article	Stisolétanch® BBA 100	Stisolétanch® BBA 110	Stisolétanch® BBA 130
Sales packaging	Pack of 6 panels	Pack of 5 panels	Pack of 4 panels
Thermal resistance	2,80	3,10	3,65

Name of the article	Stisolétanch® BBA 140	Stisolétanch® BBA 150	Stisolétanch® BBA 160
Sales packaging	Pack of 4 panels	Pack of 4 panels	Pack of 3 panels
Thermal resistance	3,95	4,20	4,50

Name of the article	Stisolétanch® BBA 170	Stisolétanch® BBA 180	Stisolétanch® BBA 190
Sales packaging	Pack of 3 panels	Pack of 3 panels	Pack of 3 panels
Thermal resistance	4,80	5,05	5,35

Name of the article	Stisolétanch® BBA 200	Stisolétanch® BBA 210	Stisolétanch® BBA 220
Sales packaging	Pack of 3 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	5,60	5,90	6,20

Name of the article	Stisolétanch® BBA 230	Stisolétanch® BBA 240	Stisolétanch® BBA 250
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	6,45	6,75	7,05

Name of the article	Stisolétanch® BBA 260	Stisolétanch® BBA 270	Stisolétanch® BBA 280
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	7,30	7,60	7,90

Name of the article	Stisolétanch® BBA 290	Stisolétanch® BBA 300	Stisolétanch® BBA 50 100/120
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 12 panels
Thermal resistance	8,15	8,45	1,40

Name of the article	Stisolétanch® BBA 60 100/120	Stisolétanch® BBA 70 100/120	Stisolétanch® BBA 80 100/120
Sales packaging	Pack of 10 panels	Pack of 8 panels	Pack of 7 panels
Thermal resistance	1,65	1,95	2,25

Name of the article	Stisolétanch® BBA 90 100/120	Stisolétanch® BBA 20 100/120	Stisolétanch® BBA 25 100/120
Sales packaging	Pack of 6 panels	Pack of 20 panels	Pack of 20 panels
Thermal resistance	2,50	0,55	0,70

Name of the article	Stisolétanch® BBA 30 100/120	Stisolétanch® BBA 35 100/120	Stisolétanch® BBA 40 100/120
Sales packaging	Pack of 20 panels	Pack of 20 panels	Pack of 15 panels
Thermal resistance	0,80	0,95	1,10

Name of the article	Stisolétanch® BBA 45 100/120	Stisolétanch® BBA 55 100/120	Stisolétanch® BBA 65 100/120
Sales packaging	Pack of 15 panels	Pack of 10 panels	Pack of 8 panels
Thermal resistance	1,25	1,55	1,80

Name of the article	Stisolétanch® BBA 75 100/120	Stisolétanch® BBA 85 100/120	Stisolétanch® BBA 95 100/120
Sales packaging	Pack of 7 panels	Pack of 6 panels	Pack of 6 panels
Thermal resistance	2,10	2,40	2,65

Name of the article	Stisolétanch® BBA 105
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Stisolétanch[®] BBA

100/120



Insulation of flat roofs

Stisolétanch[®] BBA 115

Stisolétanch[®] BBA

100/120



Insulation of flat roofs

Stisolétanch[®] BBA 120

Stisolétanch[®] BBA

100/120



Insulation of flat roofs

Stisolétanch® BBA

Sales packaging	Pack of 6 panels	Pack of 4 panels	Pack of 4 panels
Thermal resistance	2,95	3,20	3,35

Name of the article	Stisolétanch® BBA 125	Stisolétanch® BBA 135	Stisolétanch® BBA 145
Sales packaging	Pack of 4 panels	Pack of 4 panels	Pack of 4 panels
Thermal resistance	3,40	3,80	4,05

Name of the article	Stisolétanch® BBA 155	Stisolétanch® BBA 165	Stisolétanch® BBA 175
Sales packaging	Pack of 3 panels	Pack of 3 panels	Pack of 3 panels
Thermal resistance	4,35	4,65	4,90

Name of the article	Stisolétanch® BBA 185	Stisolétanch® BBA 195	Stisolétanch® BBA 205
Sales packaging	Pack of 3 panels	Pack of 3 panels	Pack of 2 panels
Thermal resistance	5,20	5,50	5,75

Name of the article	Stisolétanch® BBA 215	Stisolétanch® BBA 225	Stisolétanch® BBA 235
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	6,05	6,35	6,60

Name of the article	Stisolétanch® BBA 245	Stisolétanch® BBA 255	Stisolétanch® BBA 265
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	6,90	7,20	7,45

Name of the article	Stisolétanch® BBA 275	Stisolétanch® BBA 285	Stisolétanch® BBA 295
Sales packaging	Pack of 2 panels	Pack of 2 panels	Pack of 2 panels
Thermal resistance	7,75	8,05	8,30

CU: consumer unit

Additional thicknesses can be offered on request

Consult us for any other thickness. See the thicknesses certified in the ACERMI certificate to know our range width.



GOOD TO KNOW

PDF Documentation

available online at www.hirschisolation.fr :

FDES, Declarative and regulatory sheets,
DTA, Product documentation,
Product documentation, DOP, ACERMI

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