

STEICO *bitumen*

expansion joint filler board / protection board

Solution for concrete work and
water proofing membranes

With 10 %, 20 %
or 35 % bitumen

| APPLICATION AREAS

Expansion joint filler for concrete slab
and wall construction

Protection board for pressure-sensitive layers

Board for wet screed and
dry screed applications

- Produced and supervised according to current European and American standards
- Standard sizes and customised panels and strips
- Easy processing with common tools
- Production certified according to ISO 9001: 2015

For more information please visit our website at www.steico.com



STEICO SE – the group for...

wood fibre insulation and building products

The STEICO Group is the world leader in the manufacture and sale of wood fibre insulation materials and employs around 2000 people.

The headquarters of STEICO SE are located in Feldkirchen near Munich (Germany) to manage the group, sales, technical advice and research and development. Production takes place at three European sites – Czarnków (Poland), Czarna Woda (Poland) and Casteljaloux (France). STEICO group also has two sales offices in France and the UK.



All the products manufactured by STEICO are certified under the banner of the PEFC® (Programme for the Endorsement of Forest Certification®) to guarantee our commitment to producing environmental and ecological products.

Our knowledgeable staff and technical support team are always available to offer you the best advice on products and applications. In addition, we work closely with our distributors to provide local expertise and on site support.

PRODUCT DESCRIPTION

STEICO's Expansion Joint Filler Boards and STEICO's Protection Boards are woodfibre softboards impregnated with bitumen. This process gives the boards a high water resistance, high compression strength and an extraordinary long durability.

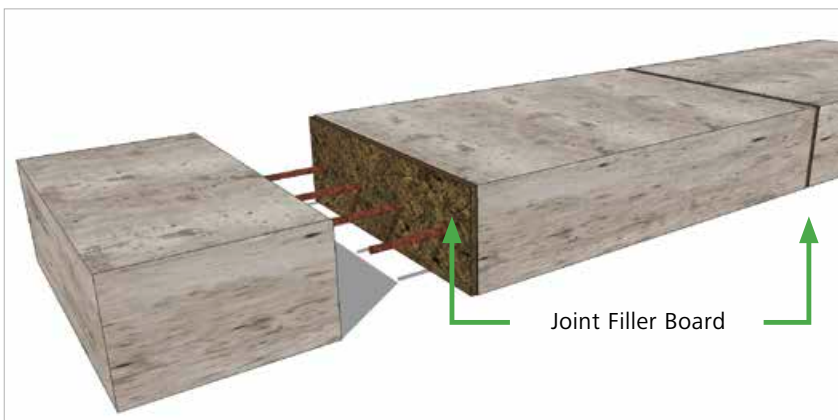
STEICO*bitumen* is only manufactured out of European timber from strictly controlled and sustainable forests. In its application as an Expansion Joint Filler Board, STEICO bitumen boards offer the highest quality and can be used in all types of Expansion Joints. Typically it is used in North America, the UK, the Middle East and Asia and thus it complies with the ASTM and the British Standards.

STEICO's Protection Board complies with the same standards and has the same high quality features. It is used as a protection board for membranes in waterproofing technology applications.

STEICO's high standards in both product development and production ensure products of the highest quality.



EXPANSION JOINT FILLER BOARD



Filler Boards in concrete slabs:

- Airport aprons and taxiways
- Roads
- Retail parks
- etc.

PROTECTION BOARD



Protection Boards to waterproofing membranes:

- Basements
- Retaining walls
- Lift pits
- etc.

Formats STEICObitumen

Thickness [mm]	Length [mm]	Width [mm]	Edge profile	Number / pal. [pcs.]	Area / pal. [m ²]	Weight / m ² [kg]	Weight / pal. [kg]	Pallets / truck	Pallets / container
B10									
10	2,250	1,180	square edge	110	292,050	2,200	approx. 669	24	20
12	2,250	1,180	square edge	93	246,915	2,640	approx. 678	24	20
18	2,250	1,180	square edge	62	164,610	3,960	approx. 678	24	20
20	2,250	1,180	square edge	57	151,335	4,400	approx. 692	24	20
25	2,250	1,180	square edge	46	122,130	5,500	approx. 698	24	20

B35									
10	2,250	1,180	square edge	110	292,050	3,500	approx. 1048	24	20
12	2,250	1,180	square edge	93	246,915	4,200	approx. 1063	24	20
18	2,250	1,180	square edge	62	164,610	6,300	approx. 1063	24	20
20	2,250	1,180	square edge	56	148,680	7,000	approx. 1067	24	20
25	2,250	1,180	square edge	46	122,130	8,750	approx. 1095	24	20

Delivery on demand

available thickness [mm]	available dimensions [mm/ft.]
8-25	2250 * 1180 2440 * 1220 4' * 8'
others on demand; cut strips according to specifications	

Characteristic values STEICObitumen

Produced according to	EN 13986
Porous wood fibre insulating board according to	EN 622-4
Fire class according to EN 13501-1	E
Bitumen content [%]	10/20/35
Density [kg/m ³]	Approx. 230 (10 %, 20 % bitumen) at least 310 (35 % bitumen)
Complies with ASTM D 1751-04 Test procedure according to ASTM D 545-99	For the requirements of compression / extrusion / recovery

Specification STEICObitumen

Composition	for nominal thickness of < 13 mm	for nominal thickness of ≥ 13 mm	
Board Composition (ASTM D 1751-04)	Ligno-cellulosic fibres, asphalt		✓
Resistant to handling (ASTM D 1751-04)	Must not deform or break under normal handling		✓
Stress required to compress the test specimens to 50% of normal thickness (ASTM D 1751-04)	P ≤ 8618 kPa	689 kPa ≤ P ≤ 5175 kPa	✓
Weight loss during 50 % compression (ASTM D 1751-04)	≤ 3 %		✓
Recovery within 10 min after 50 % compression (ASTM D 545-99)	≥ 70 %		✓
Extrusion at 50 % compression (ASTM D 545-99)	≤ 6,4 mm		✓
24 h Volume water absorption (ASTM D 545-99)	≤ 20 %	≤ 15 %	✓



Quality Management
ISO 9001:2015

Environmental Management
ISO 14001:2015

STEICO
engineered by nature

Your STEICO partner

www.steico.com