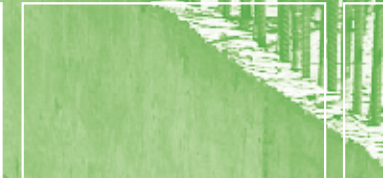


# STEICO *bitumen*

Expansion Joint Filler Board  
Protection Board

solution for concrete work and  
water proofing membranes



**with 10%, 20%  
or 35% bitumen**

## | APPLICATION AREAS

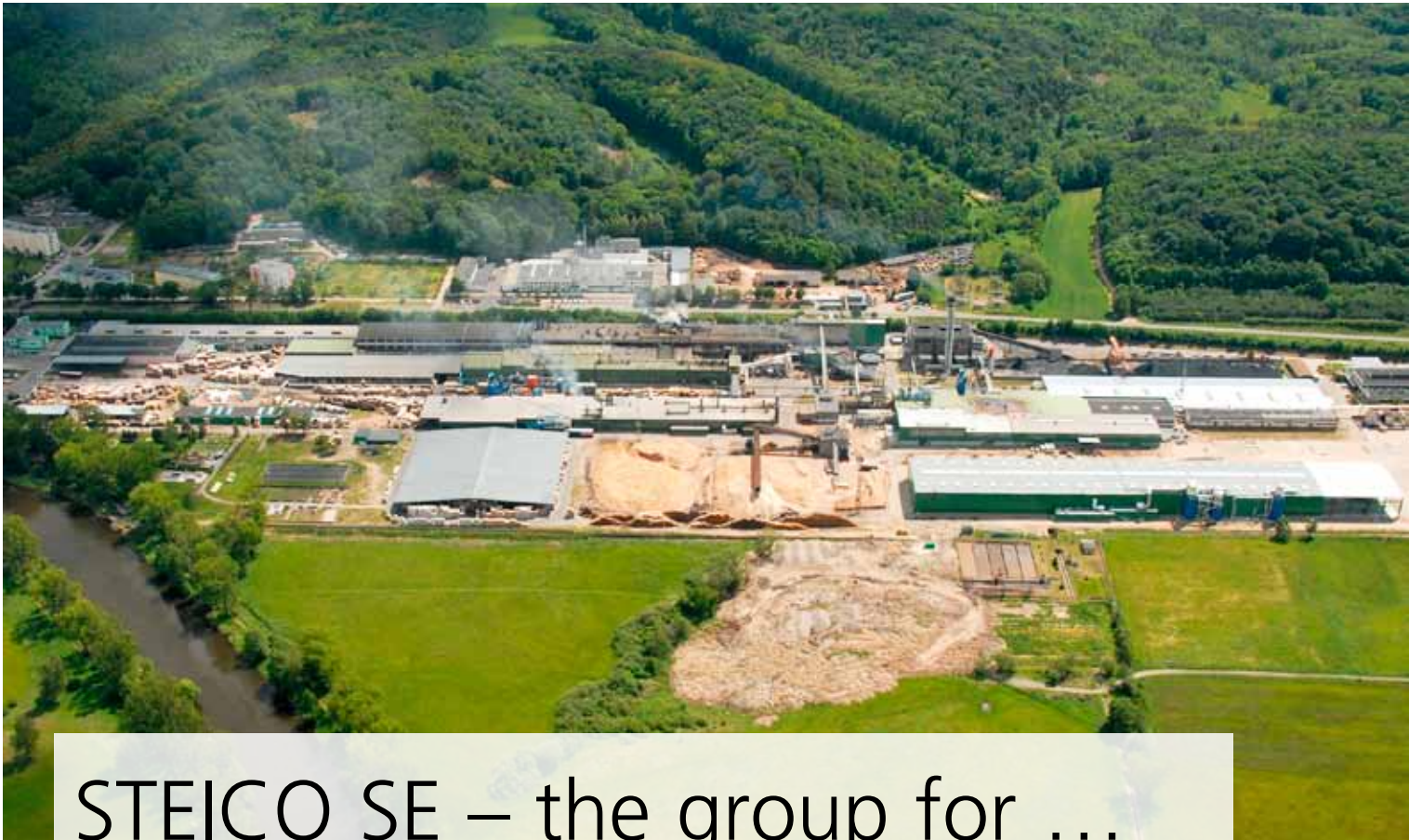
Expansion joint filler for concrete slab  
and wall construction

Protection board for  
pressure-sensitive layers

Insulation board for wet screed and  
dry screed applications

- Produced and supervised according to current European & American standards
- Standard sizes and customized panels and strips
- Easy processing with common tools
- Production certified according to ISO 9001:2008

For more information please visit our website at [www.steico.com](http://www.steico.com)



# STEICO SE – the group for ...

## wood fibre insulation & building products

The STEICO Group is the world leader in the manufacture and sale of wood fibre insulation materials and employs around 900 people.

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

All the products manufactured by STEICO are certified under the banner of the FSC® (Forest Stewardship Council) to guarantee our commitment to producing environmentally and ecological products.

Our knowledgeable staff and technical support offers you the guarantee of the best advice about the products and applications. In addition, we work closely with our distributors to provide local expertise and on site support.



The mark of  
responsible forestry

## 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 strengths and an extraordinary long durability.

STEICO*bitumen* is only manufactured with European timber from strictly controlled and sustainable forests. In its application as an Expansion Joint Filler Board, STEICO bitumen boards one of highest quality and find their use in all types of Expansion Joints.

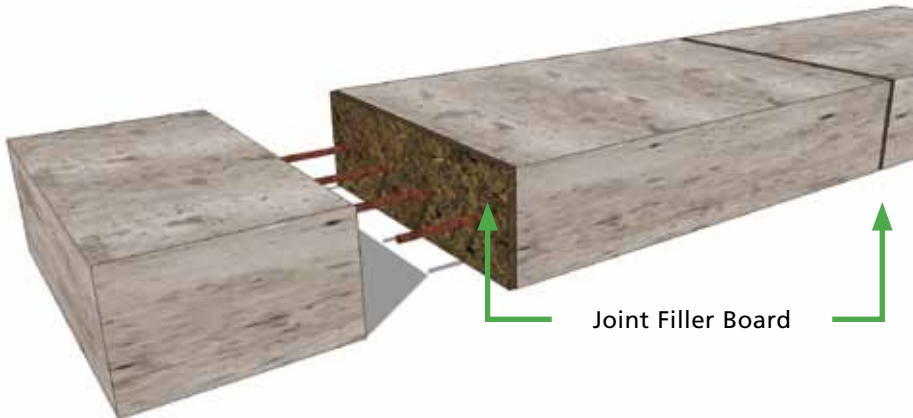
Typical it is used in North America, in the UK and in the Middle East and thus it complies with the ASTM and the BS Standards.

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

STEICO's highest requirements on product development and production standards assure products of highest quality.



## EXPANSION JOINT FILLER BOARD



### FILLER BOARDS IN CONCRETE SLABS:

- airport aprons & taxiways
- roads
- retail parks
- etc.

## PROTECTION BOARD



### PROTECTION BOARDS TO WATERPROOFING MEMBRANES:

- basements
- retaining walls
- lift pits
- etc.

## | FORMATS STEICO*bitumen*

available thickness [mm]	available dimensions [mm / ft.]		
8, 10, 12, 15, 18, 19, 25	1220 * 2440 4' * 8'	1220 * 2200 4' * 7'2"	1220 * 2135 4' * 7'

cut strips according to specifications

### | INGREDIENTS

Wood fibre, bitumen, water repellent ingredients, paraffin

### | ADVICES

STEICO*bitumen* should be stored flat and dry on a level surface

Transport packaging should only be removed when the pallet is on a safe and level surface

Protect edges from damages

Carry single boards vertically

One way pallets

### | REFERENCES

Mall of the Emirates  
Dubai/UAE

Dubai Festival City - Development  
Dubai/UAE

Abu Dhabi YAS Island  
Abu Dhabi/UAE

King Abdullah Financial District  
Kingdom of Saudi Arabia

King Saud University  
Kingdom of Saudi Arabia

Bahrain International Circuit  
Bahrain

Oman Convention & Exhibition Centre  
Oman

Barwa Commercial Avenue  
Qatar

New Doha International Airport Project  
Qatar

Regional connector Transit Corridor  
Los Angeles CA, USA

McCarran Airport  
Las Vegas, Nevada, USA

Philadelphia PA Airport, USA

### | CHARACTERISTIC VALUES STEICO*bitumen*

Produced and supervised 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 <sup>3</sup> ]	approx. 230 (10 %, 20 % bitumen) at least 310 (35 % bitumen)
Complies with ASTM D 1751-04	for the requirements of
Test procedure according to ASTM D 545-99	compression/extrusion/recovery

### | SPECIFICATION STEICO*bitumen*

Property	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 %

**STEICO**  
natural building products



Production certified accor. to ISO 9001:2008

Your STEICO Distributor

www.steico.com

