

## EGOPREN C1 FUGENDICHTBAND

is a precompressed, acrylic impregnated polyurethane soft foam sealant strip. EGOPREN C1 is self-adhesive on one side and supplied in rolls. After positioning the material expands according to the ambient temperature and adapts to the joint width and the irregularities of the substrate. EGOPREN C1 is waterproof, resistant to weathering, UV radiation and driving rain, water vapour permeable, hardly inflammable and paint compatible. It is free from CFC and chlorinated compounds.

### APPLICATION AREAS

For sealing exterior wall joints in the building construction and the construction of precast concrete elements, for metal, timber, masonry, as perimeter seal around windows and doors as well as for sealing roofs, conservatories and ventilation systems. The sealing tape is resistant to driving rain according to DIN EN 1027 and it complies with the requirements of stress group 1 (BG 1) according to DIN 18542.

### APPLICATION NOTES

Adhesive surfaces must be dry and free from dust and release agents. The wall reveal must be cleaned from building debris and mortar residues. In the sealing area, brick joints must be scraped flush with mortar and the door frame needs to be cleaned on the sides. Planning of joint dimensions must be realized according to RAL guidelines for assembly and the general technical guidelines. The tape dimensions can be selected according to the table. In case of temperatures below 10 °C or above 20 °C, the tape should also be brought to room temperature at the construction site. Low temperatures decelerate and high temperatures accelerate the expanding behaviour of EGOPREN C1. The overcompressed start and end pieces should be cut off and at least 2 cm/m should be added when cutting the tape to length. In case of vertical joints, start application from the bottom. Attach the tape to suitable adhesive surfaces. The tape ends are butt-joined and not applied around corners. The joint edges should run in parallel. Apply the tape inwards by at least 2 mm from the front end of the joint edge. Residual rolls in open boxes should be weighed down to prevent sideward expansion (telescoping) of the rolls. In case of plastering or painting of EGOPREN C1, compatibility of the coating with bright colours and sealants (white and transparent) should be tested. Do not use the tape with solventcontaining or aggressive chemicals.

### NORMS AND TESTS

EGOPREN C1 complies with the:

IVD data sheets:

- No. 9, 19-1, 19-2, 20, 24, 26-1, 28, 29, 31, 35

The following tests were achieved by EGOPREN C1:

Test certificate:

- MPA, Hannover

### SUSTAINABILITY

VOC emission according to:

- AgBB

### TECHNICAL DATA

Properties	Result	in accordance with
Material Basis	Polyurethane soft foam with modified acrylates	
Service Temperature	-30 °C to +90 °C	
Resistance to driving Rain	≤ 600 Pa	DIN EN 1027
Permeability of Joints	Joint permeability coefficient a < 1,0 m <sup>3</sup> /[m·h·[daPa]n]	DIN 18542
Thermal Conductivity	0,047 W/m·k	DIN 52612
Resistance to Weathering	Requirements fulfilled	DIN 18542
Classification	BG1	DIN 18542
Sd Value	< 0,5 m	
Building material class	B1, Flame-resisant	DIN 4102

### AVAILABILITY AND STORAGE

Standard Colour	anthracite				
Packaging	Tape width	Tape thickness	Roll length m	Rolls/Box	Meters/Box
	10	1-2	12,5	30	375
	15	1-2	12,5	20	250
	20	1-2	12,5	15	187,5

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### AVAILABILITY AND STORAGE

#### Packaging

Tape width	Tape thickness	Roll length m	Rolls/Box	Meters/Box
10	2-4	13	30	390
15	2-4	13	20	260
20	2-4	13	15	195
12	3-6	12	25	300
15	3-6	12	20	240
20	3-6	12	15	180
15	4-10	8	20	160
20	4-10	8	15	120
30	4-10	8	10	80
15	5-12	5,6	20	112
20	5-12	5,6	15	84
30	5-12	5,6	10	56
15	6-15	4,3	20	86
20	6-15	4,3	15	64,5
30	6-15	4,3	10	43
20	9-20	3,3	15	86
25	9-20	3,3	12	64,5
30	9-20	3,3	10	43
25	13-25	2,6	12	31,2
30	13-25	2,6	10	26
30	15-32	3,3	10	33
35	15-32	3,3	8	26,4
40	15-32	3,3	7	23,1

#### Storage

Rolls can be stored horizontally, dry and protected from dust:  
 ▪ 24 months

### SAFETY INSTRUCTIONS

Meets Requirements of	REACH Regulation (EC) No. 1907/2006
Not hazardous	According to EC No. 1272/2008 (CLP)
Not subject to Labelling	According to EC No. 1272/2008 (CLP)
Safety Guidelines	See EC safety data sheet
Disposal	See EC safety data sheet

For warnings refer to the Safety Data Sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the application or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.