



## Power Film on rolls

### Examples for Application

- For permanently elastic, airtight bonding of joints, structural connections and overlaps, sealing of diffusion barriers, vapour-proof barriers, and sealing films in dry construction (except swimming pools) in accordance with the Buildings Energy Act (GEG).
- Bonding of connecting and overlapping joints of moisture-diffusing roof underlays
- Bonding of connecting and overlapping joints of moisture diffusing sheets for façades
- Bonding/Sealing of diffusion-tight and moisture diffusing seal tapes with window and door assembly

### Special Properties

- It can be processed easily, fast and cleanly
- Very low emission\*
- permanently elastic self-adherent adhesive joint
- freeze-resistant
- Can be used without contact pressure lath in accordance with DIN 4108-7 (2011-01) for joints and connections with new building and refurbishment measures.
- Excellent adhesion to the most varying building materials (stone, concrete, plaster, floor screed, dry lining boards, wood and diverse metals) as well as to the films in question
- Achieves the required air-tight connections/final sealings of building envelops
- Bonding of film on absorbent and non-absorbent substrates
- High initial adhesion
- No cutting tools required

### Certificates / Test reports

#### GEV

\*Classified in the EMICODE class EC1 PLUS in compliance with the criteria of the GEV.

Licence No.: 5699



French VOC-Emission class A+

### Technical Data

<b>Basis</b>	Modified thermoplastic elastomer (TPE)
<b>Colour</b> hard-dry	transparent
<b>Dimensions without dividing liner</b> Thickness	2.5 mm
<b>Dimensions without dividing liner</b> Width	12 mm
<b>Dimensions with dividing liner</b> Thickness	2.58 mm
<b>Dimensions with dividing liner</b> Width	20 mm
<b>Frost resistance</b>	to -30 °C
<b>Operation temperature range</b>	from -30 °C to +70 °C
<b>Processing temperatures</b> PowerFilm	from +5 °C to +35 °C

### Instructions for use

Acclimatize the product before the application to processing temperature. Do not spontaneously heat up with heaters.

The surfaces of the workpieces to be bonded must be dry, and free from dust and grease.

The film is directly applied on one side of the sealing sheets or on the stable building material.





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In case of fibre insulating plates or slightly dusty material surfaces, the bonding surface must be prepared with primer (e.g. COSMO® SP-830.160) to increase the bonding strength.

After that, the film is bonded with a relief loop for strain relief and fixed by pressing on. The complete bonding strength will be achieved after 24 h.

### Table of examples: Application on building materials

Calcareous sandstone	++	OSB board	+P
Pumice stone	+P	Plywood board	+P
heavy-weight concrete - stone	+P	Roof batten - spruce	+P
Cement plate	++	Galvanized steel	++
Gypsum fibre board	+P	Aluminium	++
Gypsum plasterboard	++	PVC	++
Roof-tiles	++	PUR foam	++*
Poroton brick	++	PS foam	++*
Ceramics	++	Fibre insulating board	+P*

Legend:

- ++ - Good adhesion
- +P - Good adhesion with primer
- \* - Low inherent stability of the materials

## Important instructions

Only instructed personnel in specialist firms are allowed to use the product!

In case of seasonable temperature load >+70 °C without roof or façade covering, provide for additional mechanical fixation.

Our user instructions, processing guidelines, product- and performance data, and other technical statements are only general directives; they describe only the condition of our products (values, determination of values on the date of completion) and the performances do not represent a warranty in the sense of § 443 BGB. **Because of the wide variety of applications of the individual product and the relevant special conditions (e. g. processing parameters, material characteristics, etc.), it is up to the user to test it itself;** our free expert advice for application provided in speech, writing, and as test is nonbinding.

## Storage

Store the hermetically closed original cardboard boxes in a dry place at temperatures of +15 °C to +25 °C no direct sun radiation.

While transported within the usual transport times, the product may be exposed to temperatures from -30 °C to +35 °C.

Storage life in unopened cardboard: 24 Months

## Packaging

16 running metres / roll

## Accessories

COSMO® SP-850.110 - film dispenser

COSMO® SP-830.160 - Primer

