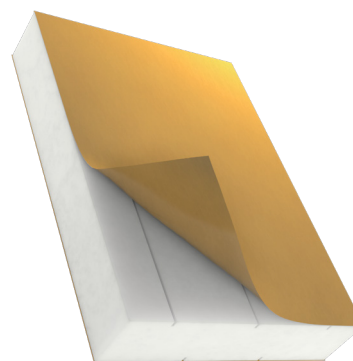


# SANDWICHELEMENT

**SKS** Self-adhesive Foam

# Product Information

## SKS Self-adhesive Foam



### Description:

Self-adhesive foam sandwich elements consist of an extruded polystyrene core with a self-adhesive foil on both faces. The sandwich element is protected with siliconized paper on both faces.

### Properties:

- very high adhesive strength
- moisture resistant (XPS)
- very good thermal insulation
- easy to work with carpet knives or metal tools

### Facings:

Solvent-free, environmentally friendly transfer adhesive foil on a dispersion acrylate base on both sides. The adhesive has excellent initial adhesive strength and is ageing and UV-resistant.

### Core Material:

Extruded polystyrene foam, CFC-free or CO<sub>2</sub> foamed, low vapour permeability, lowest water absorbance, Fire protection class E according to EN 13501-1. No dust release during processing. Core material of different thermal conductivity  $\lambda$ D-value 0.029 - 0.035 is available.

### Overall Thickness:

The total thickness can be freely selected in millimetre increments from 8 mm up to 80 mm.

### Formats:

2200 x 1000 mm / 3000 x 1000 mm / 3000 x 1500 mm - Other formats and fixed formats are available on request

| Overall Thickness | U-Value ( $\lambda$ D 0.029) | U-Value ( $\lambda$ D 0.033) | R-Value ( $\lambda$ D 0.029) | R-Value ( $\lambda$ D 0.033) | Weight (kg/m <sup>2</sup> ) |
|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 18 mm             | 1.26                         | 1.4                          | 0.62                         | 0.55                         | 0.91                        |
| 20 mm             | 0.16                         | 1.29                         | 0.69                         | 0.61                         | 0.98                        |
| 21 mm             | 1.12                         | 0.24                         | 0.72                         | 0.64                         | 1.01                        |
| 25 mm             | 0.97                         | 1.08                         | 0.86                         | 0.76                         | 1.15                        |
| 30 mm             | 0.83                         | 0.93                         | 1.03                         | 0.91                         | 1.31                        |
| 33 mm             | 0.76                         | 0.85                         | 1.14                         | 1                            | 1.41                        |
| 40 mm             | 0.65                         | 0.72                         | 1.38                         | 1.21                         | 1.64                        |
| 50 mm             | 0.53                         | 0.59                         | 1.72                         | 1.52                         | 1.97                        |

### Special Elements:

Stadur SKS composite elements can be supplied with optimised sound insulation values by incorporating special sound insulation panels or with intrusion-inhibiting aluminium inserts.

### Areas of Application:

Window fillings, door fillings, façade elements, parapet elements, partition walls, balcony cladding, industrial door fillings, cold storage rooms, container construction, medical technology, automotive, vehicle construction.

### ⚠ Processing:

Please make sure to read our detailed processing recommendations. Available upon request, or on [www.stadur.com](http://www.stadur.com).

### Note:

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