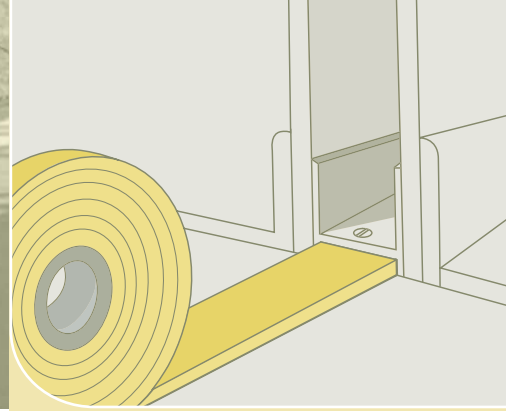




# Foams for construction tapes



# Sekisui AlveoFoams for construction tapes

Self-adhesive tapes made of Sekisui Alveo crosslinked polyolefin foams are used for sealing, dampening, and insulation in the construction sector. Due to their flexibility and conformability, foam tapes are ideal for uneven surfaces and contours.

Compared to open cell foams, Sekisui Alveo foams only need 10–15% compression to ensure air and water tight sealing. By creating an air tight seal, the foam allows energy savings. As they do not absorb water, nor deteriorate in humid conditions, the outstanding performance of Sekisui Alveo foams is sustained over a long period of time. Our foams have proven to be an ideal medium for sound and vibration dampening in construction applications.

A specific range of Sekisui Alveo foams is designed to meet various levels of fire resistance to comply with the typical fire norms.

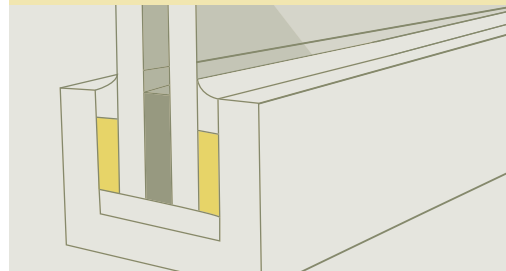
For further product information, please refer to the specific technical datasheets and to the product sales specifications available from your local Sekisui Alveo area office.

## Partition wall tapes

The following Alveolit and Alveolen foam types are particularly suitable for construction applications:

Type	Properties
TA	general purpose, firm
TE	general purpose, soft
NA	general purpose, firm
NE	general purpose, soft

Typical density	Requirements
25 – 35 kg/m <sup>3</sup>	for insulation, sealing and dampening
50 – 100 kg/m <sup>3</sup>	for medium mechanical strength



## Glazing tapes

Features	Benefits
> Closed cell	> Water and air tight > No absorption of liquids > Insulating; low thermal conductivity
> Good temperature resistance	> No cracking (down to –80 °C) > No shrinkage (up to 100 °C for 24h)
> Environmentally neutral	> No heavy metals or dangerous additives > Free of CFC's and HCFC's
> High chemical resistance	> Good weather and UV stability > No deterioration due to contact with various chemicals
> Conformability, flexibility	> Suitable for uneven surfaces and contours > Even out rough surfaces
> Compressibility, soft cushion	> Seal against dust, water, etc. > Seal gaps to avoid sound transmission > Ensure 100% gap filling at low compression
> Easy to convert, smooth skin	> Excellent to coat, die cut, and slit

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