

HiLo Break /

HiLo Break is a structural thermal break that can be used to reduce heat loss between structural elements in a building's envelope. Made from a high performance composite, our European sourced product is effective and high quality.

Key properties

Low thermal conductivity: significantly reduces heat transfer.



Very high compressive strength and creep resistance.

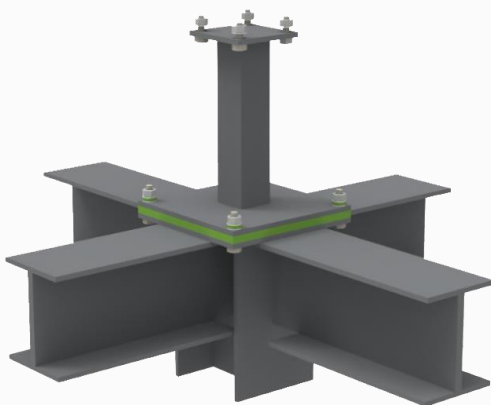


Easily machined to suit your project detailing requirements.



Quick reference specification guide:

	HiLo Break/250	HiLo Break/350	HiLo Break/490
Density	250kg/m ³	350kg/m ³	490kg/m ³
Compressive strength	3.8MPa	7.0MPa	14.0MPa
Thermal conductivity	0.044 W/(mK)	0.058 W/(mK)	0.077 W/(mK)
Youngs Modulus	68MPa	110MPa	205MPa
Shear strength	1.1Mpa	1.9MPa	2.1MPa



Applications

HiLo Break is available in a range of thicknesses specified below with pads sized suit your project. We can assist in selection and detailing to maximise the performance of your project.

Suitable applications include:

- Roof connections
- Parapet roof penetration
- Column base connections

Questions?

For further information or technical support with specific detailing or thermal modelling, get in touch with us at: anne@thermalinnovation.co.nz