

HiLo Break X /

HiLo Break X 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 fibre reinforced thermoset resin, HiLo Break X 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 X
Compressive strength	255MPa
Thermal conductivity	0.293 W/(mK)
Shear strength	66MPa
Density	1350kg/m ³
Water absorption	1.60% max
Thickness available	5, 10, 15, 20, 25, 30, 40, 50, 75mm

Applications

HiLo Break X is available in a range of thicknesses specified below with pads sized suit your project. With a higher compressive strength than HiLo Break, HiLo Break X is suitable for many horizontal applications.

Suitable applications include:

- Simply supported beams
- Balconies and wind breaks
- Canopies or shade features
- Floor/structure connections



Questions?

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