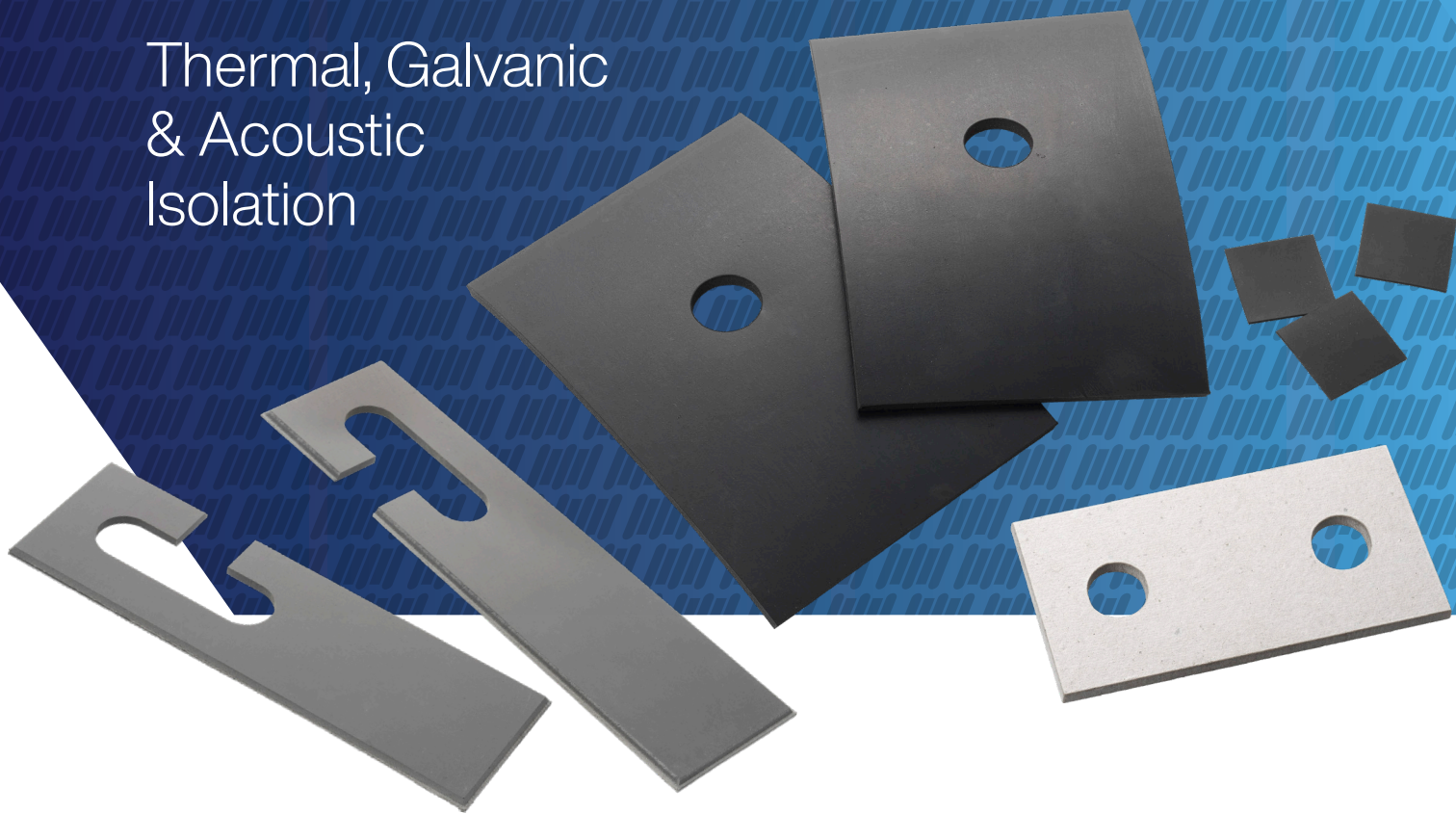


Isolation Shims & Thermal Breaks

Thermal, Galvanic
& Acoustic
Isolation



Isolation shims and thermal breaks are load-bearing spacers used between structural components to reduce thermal bridging, galvanic corrosion, and vibration or noise transmission. Supplied in non-metallic materials where electrical, thermal, or acoustic isolation is required.

Typical Applications

- Façade and cladding support systems
- Masonry support bracket interfaces
- Curtain wall anchorage systems
- Roof and soffit support systems
- Stainless to carbon steel connections

Material Options & Functions

Thermal Isolation Shims / Thermal Breaks

- Fibre-reinforced composite or high-density polymer
- Low thermal conductivity
- High compressive strength

Example product:

- Struktra® Non-Combustible Thermal Break (A2)
- Non-combustible (A2 classification)
- Suitable for structural thermal isolation
- Electrically non-conductive

Galvanic Isolation Shims

- Nylon or polymer composite
- Electrically insulating
- Prevents corrosion between dissimilar metals

Acoustic / Vibration Isolation Pads

- Neoprene, nitrile rubber, or fibre pad
- Reduces vibration and noise transmission

Material Comparison		
Material	Function	Notes
Fibre-reinforced composite	Thermal / galvanic isolation	High load capacity
Non-combustible composite (A2)	Thermal break	Fire-sensitive locations
	Galvanic isolation / levelling	Electrically insulating
Nylon / polymer		
Neoprene / rubber	Acoustic / vibration isolation	Not for thermal isolation
Stainless / galvanised steel	Packing only	No isolation properties