



EnergyTech

Information & Product
Brochure



Experience **hglass** EnergyTech, the cutting-edge solution for energy efficiency. Its advanced Low-E coating optimizes temperature regulation, reducing energy consumption and enhancing comfort. Transform your space with our specialized product range.

Product Benefits

- **Energy Efficiency:** Experience significant reduction in energy consumption and lower energy bills. EnergyTech Glass's advanced low-emissivity [Low-E] coating blocks excess heat during summer and minimizes heat loss during winter, creating an optimal indoor climate year-round.
- **Thermal Insulation:** Enjoy improved thermal insulation properties that keep your living or working spaces comfortable and cozy. EnergyTech Glass effectively regulates temperature, preventing temperature fluctuations and enhancing overall comfort.
- **Solar Control:** Say goodbye to glare and excessive heat. EnergyTech Glass provides superior solar control, minimizing the impact of direct sunlight and creating a more comfortable environment with reduced reliance on air conditioning.
- **Strength and Durability:** Reinforced through toughening, EnergyTech Glass offers exceptional strength, surpassing traditional annealed glass by a remarkable 4 times [when toughened]. This fortification enhances resistance to impacts and breakages, ensuring safety and security.

Available Options

EnergyTech is available in a range of glass thickness options to cater to diverse project requirements.

Choose from the following thicknesses:

- EnergyTech Clear Glass: 4mm, 6mm, and 10mm
- Soltech Neutral Glass: 4mm, 6mm, and 10mm
- EnergyTech Grey Glass: 4mm and 6mm

These different thicknesses allow for customization, ensuring that EnergyTech can be tailored precisely to meet your specific architectural and design needs.

Applications

- Residential windows
- Storefronts
- Interior spaces
- Commercial buildings

How to Specify

- Identify the glass type
- Specify the desired thickness and colour
- Identify any processing required e.g. holes, edgework etc.

Example 'EnergyTech Clear 6mm, Polish all edges'

Performance Data

Colour	Thickness	Light Trans.	Refl. Out	Refl. In	U-Value	SHGC	Selectivity
EnergyTech Clear	4mm	83	11	11	3.7	0.72	1.15
	6mm	81	11	12	3.6	0.7	1.16
	10mm	79	11	12	3.6	0.66	1.2
Soltech Neutral	4mm	61	8	10	3.7	0.54	1.13
	6mm	63	9	10	3.7	0.54	1.17
	10mm	62	8	10	3.6	0.53	1.17
EnergyTech Grey	4mm	50	7	9	3.7	0.54	0.93
	6mm	40	6	9	3.7	0.48	0.86

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