UPVC WINDOWS · HIGH-EFFICIENCY UPVC WINDOWS

Liniar EnergyPlus

Liniar's EnergyPlus delivers the kind of energy performance you'd usually only get from triple glazing. Six chambers, a patented thermal dam and bubble gaskets give U-values as low as 0.8 W/m²K and an A++ rating, with no low-iron glass or thermal inserts needed. British-made, lead-free and fully recyclable.

0.8	A++	6
U-value as low as (W/m²K)	Window Energy Rating	chamber 70mm profile

Manufacturer data. Performance varies with size, glass and configuration, and is confirmed at survey.

Technical details

Profile	70mm, six symmetrical chambers, sculptured or chamfered
Thermal performance	U-value as low as 0.8 W/m²K with triple glazing · WER up to A++ without low-iron glass or thermal inserts
Standard vs EnergyPlus	Standard 4-chamber profile as low as 1.2 W/m²K · EnergyPlus 6-chamber as low as 0.8 W/m²K
Glazing	28mm double · 36mm or 40mm triple · warm edge spacer option
Seals	Patented bubble gasket, thermal dam and glazing flipper
Acoustic	Up to Rw 37 dB
Security	Multi-point locking as standard · PAS 24 · Secured by Design · BBA approved
Weather testing	BS 6375 air, water and wind
Opening types	Side hung, top hung, tilt & turn, fixed, French casement, flush sash, bays and bows
Max sash size	Top hung 1265 × 1342mm (34kg) · side hung 715 × 1342mm (19.2kg) · tilt & turn 1402 × 1402mm (39.3kg)
Max fixed light	2000mm high × 3000mm wide (120kg)
Multi-light frames	Up to 2700 × 1800mm · transoms and mullions up to 1.8m
Max sash weight	45kg
Flush sash	EnergyPlus 6-chamber outer frame, 4-chamber sash · A+, U-values as low as 1.2 W/m²K
Colours	Standard: White, Cream, Chartwell Green, Irish Oak, Golden Oak, Rosewood, Mahogany, 7016 Grey, Black · special foils including Anteak, Sapeli, Cedar, Oregon and RAL greys
Environment	100% lead-free, recyclable · made in Derbyshire
Guarantee	10-year frame guarantee · foils guaranteed for a minimum of 10 years

Key benefits

- Six-chamber 70mm profile with a patented thermal dam
- U-values as low as 0.8 W/m²K and A++ ratings, no low-iron glass or inserts needed
- Patented bubble gaskets and glazing flipper for a tight weather seal
- PAS 24, Secured by Design, BBA approved and BS 6375 tested
- Sculptured or chamfered styles, mock sash horns and Georgian bars
- Made in Derbyshire, 100% lead-free and recyclable, with a 10-year frame guarantee

Ideal for

Energy-conscious homes · Renovations · New builds · Bays and bows

Features & options

Manufacturer data. Performance varies with size, glass and configuration, and is confirmed at survey.

Standard, EnergyPlus or EnergyPlus90
We fit EnergyPlus as standard. The 4-chamber standard profile reaches 1.2 W/m²K, and the 9-chamber EnergyPlus90 reaches 0.5 W/m²K for PassivHaus-level builds.

Thermal dam
A patented barrier inside the frame stops warm air escaping around the glass.

Bubble gasket
Liniar's patented bubble gasket compresses evenly for a tight, long-lasting seal.

Traditional details
Mock sash horns, Georgian and astragal bars, and leaded lights for period homes.

Flush sash option
A 50mm flush sash for a timber-style look, with top hung sashes up to 1080 × 1080mm.

Sustainable
Lead-free, fully recyclable uPVC made in Derbyshire, with less steel needed.

Talk to us about your project: we work from drawings, measure every opening on site, and fit with our own team.