

Y107 John Aird Court Window Ballot: Information on uPVC & Aluminium windows

Feature	uPVC Rehau Total 70c Casement Window	Aluminium Smarts Heritage Casement Window
Measurement or thickness of frame	70mm Front to Back 72mm Face (outside frame)	47mm Front to Back 33mm Face (outside frame). (Frame extensions may be required to allow for plaster coverage)
Insulation level/Thermal performance A lower U-value denotes more effective insulation/thermal performance	Will meet minimum requirement of 1.4 U-Value	Will meet minimum requirement of 1.5 U-Value
Life span – How long it lasts?	Median typical life 30 years on the profiles (the sections of uPVC material that make up the frames) Median maximum life 40 years on the profiles (the sections of uPVC material that make up the frames)	Median typical 35 years on the profiles (the sections of aluminium material that make up the frames) Median maximum life 50 year on the profiles (the sections of aluminium material that make up the frames)
Guarantees/Warranties	10 year warranty on profile and glass and 1 year on hardware (includes handles, locks and restrictors)	10 year warranty on profile and glass and 1 year on hardware (includes handles, locks and restrictors) 25 year warranty on powder coating paint finish to the frames
Environmental considerations	Recycled materials are used and can be recycled at the end of their life span.	Recycled materials are used and can be recycled at the end of their life span.

Both types of windows meet Secured by Design requirements (the official police security initiative that works to improve the security of buildings) as well as PAS24 standard and minimum acoustic performance levels which will reduce external noise when compared to the current single glazed windows. PAS 24 is a standard of testing that measures the security performance of windows and doors in the UK.