

PART L COMPLIANCE REPORT

07-09-2026

Project: Re-roof and re-render, 14 Elm Road
Client: Mr & Mrs Ellis
Reference: EC-2026-031
Date: 07-09-2026

EXISTING ELEMENTS COMPLY (FEASIBILITY JUSTIFICATION RECORDED)

1. Work to existing elements: renovation, replacement, retained elements and controlled fittings (ADL1 paras 4.11-4.13, Section 11, Table 4.3)

Element	Type	Work	Area m2	Existing U	Renov.	Threshold	Target	Proposed U	Result
Main roof - strip and re-cover	Roof	Renovating (new or replacement layer)	62.00	2.30	100%	0.35	0.16	0.16	Complies
Rear + side walls - new render	Cavity wall	Renovating (new or replacement layer)	78.00	1.60	100%	0.70	0.55	0.55	Complies
Kitchen floor - new screed	Floor	Renovating (new or replacement layer)	34.00	0.90	100%	0.70	0.25	0.45	Justified
Replacement windows (8 no.)	Window	Replacement window / door / rooflight	12.00	4.80	-	-	1.40	1.30	Complies

- Main roof - strip and re-cover: Existing 2.30 > threshold 0.35; proposed 0.16 meets the improved value of 0.16 W/m2K.

- Rear + side walls - new render: Existing 1.60 > threshold 0.70; proposed 0.55 meets the improved value of 0.55 W/m2K.

- Kitchen floor - new screed: Proposed 0.45 is above the improved value of 0.25. Acceptable as the best that is technically, functionally and economically feasible (para 4.13) - the estimated simple payback of reaching 0.25 is 49.6 years, over the 15-year test. Indicative economics of reaching the improved value: cost £3800; saving about 1179 kWh (£77) a year at 2000 degree-days, 6.5 p/kWh and 90% system efficiency.

- Replacement windows (8 no.): Proposed 1.30 meets the Table 4.2 limit of 1.4 W/m2K.

Basis: renovating a thermal element means providing a new layer or replacing an existing layer (including cavity fill). Where more than 50% of an individual element's surface, or more than 25% of the building envelope, is renovated, an element whose U-value is worse than the Table 4.3 threshold (column a) should be upgraded to the improved value (column b) where technically, functionally and economically feasible - a simple payback of 15 years or less; otherwise to the best that is feasible, generally not worse than 0.70 W/m2K (para 4.13, Appendix C). A replacement element must meet Table 4.2 and be no worse than the element it replaces. Replacement windows and doors must meet 1.4 W/m2K or the energy-rating bands, with the character-of-building exception in Table 4.2. A retained element that becomes part of the heated envelope (loft or garage conversion, change of energy status) is treated as a renovated element.

Basis of assessment

Method: Approved Document L, Volume 1: Dwellings, 2021 edition incorporating 2023 amendments (England). The energy efficiency requirements for work to an existing dwelling: new and replacement fabric elements to Table 4.2 (paras 10.1-10.2); the area of windows, roof windows and doors of an extension limited to 25% of its floor area plus openings that no longer exist or are no longer exposed (para 10.10), with the area-weighted U-value and whole-dwelling optional approaches where that is exceeded; conservatories and porches exempt only while at ground level, not more than 30 m2, thermally separated, Part K glazed and unheated (para 0.14); renovated and retained thermal elements to Table 4.3 with the feasibility test in para 4.13. Areas and U-values were entered by the person preparing this report; U-values should be supported by manufacturer declarations or calculations to BS EN ISO 6946 / BR 443. Compliance is determined by the building control body. This report supports a Building Regulations application; it does not replace the building control body's judgement or a whole-dwelling SAP calculation where one is required.