

L A B C R E G I S T E R E D S Y S T E M



Registration No. **RD320**

**Registered  
Detail:**

**Guardian Roof \***

**Company:  
Address:**

**Guardian Building Products**

100-105 Victoria Crescent, Burton On Trent, Staffordshire, DE14 2QF.

**Description:**

Guardian Roof - Solid new/replacement roof system for dwelling conservatory type buildings/ extensions. This system includes specific limitations and this registration applies to the roof only.

**Valid until:**

8th August 2011

Date of issue 1<sup>st</sup> 2011

Signed on behalf of LABC

A handwritten signature in black ink, appearing to read 'BS Jenner', written over a dotted line.

Assessed by Rotherham Metropolitan Borough Council  
under the LANTAC agreement

**\*With Limitation**

This registration is valid for Building Regulations and associated technical guidance in force on the date of the registration. It is the responsibility of the building control surveyor to ensure that changes in legislation affecting the registration are adequately checked.

# LABC REGISTERED DETAILS DRAWING AND DOCUMENT LIST



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| <b>RD Reference Number</b>   | <b>RD320<br/>Guardian Building Products – Guardian Roof</b>  |
| <b>Drawing Numbers</b>   | <ul style="list-style-type: none"> <li>• 2010-374 sheets 1-63 (Celuplast Edwardian Roof spans calculations)</li> <li>• 2010-374 sheets 1-7 (Celuplast rafter spans calculations)</li> <li>• 2010-374 sheets 1-11 (Celuplast ridge Spans calculations)</li> <li>• 2010-374 sheets 1-32 (Celuplast Victorian Roof spans calculations)</li> <li>• CCR0003-1 Thermal analysis of Guardian Roof</li> </ul>  |
| <b>Supporting Documentation Reference Numbers</b>  | Approved Document 'A'<br>Approved Document 'B'<br>Approved Document 'L'<br>(Relevant Calculations relating to Approved Document 'L')   |
| <b>Limitations of use</b>  | <p>Celuplast Ltd – Guardian Roof is a proprietary solid roof system to replace the existing translucent roof to a domestic conservatory. This roof system achieves the u-values specified in Table 2 of Approved Document L1B. This registration applies to the roof only. If the former “conservatory” is no longer an exempt building due to not having a transparent roof then the following guidance should be followed:</p> <ul style="list-style-type: none"> <li>• Approved Document A: The existing structure will need to be assessed to ensure its adequacy for taking any additional loads and may include exploratory investigation of the existing construction.</li> <li>• Approved Document B: There may be “conservatories” where the unprotected areas become excessive as a result of no longer being exempt. Approved Document B Volume 1: Section 9 should be consulted and the unprotected areas may have to be reduced in order to comply with the guidance of B4 (or alternative guidance should be sought i.e. fire risk assessment).</li> <li>• Approved Document L1B states that the amount of glazing allowed to an extension is 25% of the floor area. In order for this limitation not to apply, there should be:             <ol style="list-style-type: none"> <li>1. Effective thermal separation between the dwelling and former “conservatory”.</li> <li>2. Independent temperature and on/off controls to any heating system installed within the former “conservatory”.</li> </ol> </li> </ul> <p>If the thermal separation is removed then the amount of glazing to the former “conservatory” should be reduced to less than 25% of the floor area and the glazing should achieve a U-value <math>1.6W/m^2.K</math> (alternatively heat loss calculations may be used).</p> <p>Refer to Technical Guidance Note MG0010411 Application of Part L to Conservatories attached to existing dwellings.</p> <p><b>Appropriate thermal analysis will be provided in each instance to demonstrate continued compliance with Approved Document L 2013.</b></p> |
| <b>Advice Notes</b>  |  |
| <b>Climatic Condition Details e.g. wind speeds, height above sea level, exposure, etc.</b> |  |