### Description

Superglass Party Wall Roll is a lightweight, non-combustible glass mineral wool insulation roll. The flexible roll is cut at 3x455mm widths to fit between standard wall ties spacings and to allow easy installation and minimum on-site cutting and waste. Manufactured at a minimum density of 18kg/m³.

### Application

Superglass Party Wall Roll is designed to provide thermal and acoustic insulation and help provide a zero u-value within masonry party or separating walls as described within Approved Document L1A (England & Wales, Technical Handbook Section 6 (Scotland) and Technical Booklet G (Northern Ireland).

Party Wall Roll may be used as a component in a number of Robust Details Solutions including proprietary systems E-WM-22, E-WM-23 & E-WM-27 (England, Wales & N.Ireland) and V-WM-27 (Scotland). It may also be used in party wall systems which require on-site pre-completion (England, Wales & N.Ireland) or post-completion (Scotland) acoustic testing.

Meets the requirements to deliver a zero U-value for party walls as defined in Building Regulations.

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**BRE Green Guide Rating**

Party Wall Roll has a generic BRE Green Guide Rating of A+.

**Fire Performance**

Party Wall Roll has a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.

**Acoustic Insulation**

Party Wall Roll provides excellent sound absorption performance.

**Recycled Content**

Party Wall Roll is manufactured from up to 84% recycled glass.

**Easy & Quick To Install**

Simple installation process between standard wall tie spacings.
**Recommended solutions**

**robustdetails®**

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**E-WM-22**
- **Block density:** 1350 to 1600 kg/m³ or Plasmor Aglite Ultima 1600kg/m³
- **Wall Ties:** Approved Document E ‘Tie type A’
- **Cavity width:** 100mm (min)
- **Block thickness:** 100mm (min), each leaf
- **Wall finish:** Gypsum based board mounted on dabs (nominal 10kg/m²)
- **Insulation:** Superglass Party Wall Roll

**E-WM-27 & V-WM-27**
- **Blocks:** 1350 to 1600 kg/m³
- **Wall Ties:** Approved Document E ‘Tie type A’
- **Cavity width:** 75mm (min)
- **Block thickness:** 100mm (min), each leaf
- **Wall finish:** Gypsum based board mounted on dabs (nominal 8kg/m²)
- **Insulation:** Superglass Party Wall Roll

**E-WM-23**
- **Block density:** 600 to 800kg/m³
- **Wall Ties:** Approved Document E ‘Tie type A’. For thin joint, wall ties must be Ancon Building Products Staifix HRT4 or Clan PWT4—no more than 2.5 ties per square metre
- **Cavity width:** 100mm (min)
- **Block thickness:** 100mm (min), each leaf
- **Wall finish:** Gypsum based board mounted on dabs (nominal 8kg/m²)
- **Insulation:** Superglass Party Wall Roll

**E-WM-27 & V-WM-27**
- **External flanking wall:** Masonry (both leaves) with 50mm (min) cavity—fully filled or partially filled with Superglass Superwall Cavity Slabs or fully filled with Superglass Superwhite 34 Blown Cavity Insulation.

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The requirements of the Robust Details Handbook should be strictly followed.
Suitable for use in robustdetails® masonry party walls

Superglass Party Wall Roll can be used in the following Robust Details specifications:

**Robust Details Solutions - England, Wales & Northern Ireland**

<table>
<thead>
<tr>
<th>Robust Detail</th>
<th>Minimum Cavity Width (mm)</th>
<th>Block Type &amp; Density (kg/m³)</th>
<th>Parging Coat Required</th>
<th>Wall Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-WM-1</td>
<td>75</td>
<td>Dense Aggregate - 1850 to 2300</td>
<td>No</td>
<td>Wet Plaster</td>
</tr>
<tr>
<td>E-WM-2</td>
<td>75</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>No</td>
<td>Wet Plaster</td>
</tr>
<tr>
<td>E-WM-3</td>
<td>75</td>
<td>Dense Aggregate - 1850 to 2300</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-4</td>
<td>75</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-5</td>
<td>75</td>
<td>Besblock 'Star Performer' - 1528</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-6</td>
<td>75</td>
<td>Aircrete - 600 to 800</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
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<tr>
<td>E-WM-10</td>
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<td>Aircrete - Thin Joint System - 600 to 800</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
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<tr>
<td>E-WM-11</td>
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<td>Lightweight Aggregate - 1350 to 1600</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
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<tr>
<td>E-WM-12</td>
<td>75</td>
<td>Plascon 'Aglite Ultima' - 1050</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
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<tr>
<td>E-WM-13</td>
<td>75</td>
<td>Aircrete - Thin Joint Untied System - 600 to 800</td>
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<td>Render and gypsum-based board on dabs</td>
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<td>Render and gypsum-based board on dabs</td>
</tr>
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<td>E-WM-18</td>
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<td>Dense Aggregate - 1850 to 2300</td>
<td>No</td>
<td>Wet Plaster</td>
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<tr>
<td>E-WM-19</td>
<td>100</td>
<td>Dense or Lightweight Aggregate - 1350 to 1600 or 1850 to 2300</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-21</td>
<td>100</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>No</td>
<td>Wet Plaster</td>
</tr>
<tr>
<td>E-WM-22</td>
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<td>Lightweight Aggregate - 1350 to 1600 or Plascon 'Aglite Ultima' - 1050</td>
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<td>Gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-23</td>
<td>100</td>
<td>Aircrete - Standard and Thin Joint - 600 to 800</td>
<td>No</td>
<td>Gypsum-based board on dabs</td>
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<tr>
<td>E-WM-25</td>
<td>100</td>
<td>Porotherm - Thin Joint - n/a</td>
<td>Yes</td>
<td>Ecoparge gypsum-based board on dabs</td>
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<tr>
<td>E-WM-26</td>
<td>100</td>
<td>Besblock 'Star Performer' - 1528</td>
<td>No</td>
<td>Gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-27</td>
<td>75</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>No</td>
<td>Gypsum-based board on dabs</td>
</tr>
<tr>
<td>E-WM-29</td>
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<td>Porotherm - Thin Joint - n/a</td>
<td>Yes</td>
<td>Ecoparge gypsum-based board on dabs</td>
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<tr>
<td>E-WM-31</td>
<td>100</td>
<td>H+H Celcon Elements - thin joint - 575</td>
<td>No</td>
<td>Gypsum-based board on dabs</td>
</tr>
</tbody>
</table>

**Northern Ireland**

The Department of Finance and Personnel has accepted the Robust Details scheme as the alternative to pre-completion sound testing to demonstrate compliance with Part G (NI) for new dwellings. Builders wishing to register and construct plots in Northern Ireland can use the Part E (E&W) Handbook and documentation.

**Robust Details Solutions - Scotland**

<table>
<thead>
<tr>
<th>Robust Detail</th>
<th>Minimum Cavity Width (mm)</th>
<th>Block Type &amp; Density (kg/m³)</th>
<th>Parging Coat Required</th>
<th>Wall Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-WM-11</td>
<td>100</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>V-WM-19</td>
<td>100</td>
<td>Dense - 1850 to 2300 or Lightweight Aggregate - 1350 to 1600</td>
<td>Yes</td>
<td>Render and gypsum-based board on dabs</td>
</tr>
<tr>
<td>V-WM-21</td>
<td>100</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>No</td>
<td>Wet Plaster</td>
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<tr>
<td>V-WM-27</td>
<td>75</td>
<td>Lightweight Aggregate - 1350 to 1600</td>
<td>No</td>
<td>Gypsum-based board on dabs</td>
</tr>
</tbody>
</table>

The above tables is to be used as a guide only. Always refer to the Robust Details Handbook.
**Density**
Party Wall Roll is manufactured at a minimum density of 18kg/m³.

**Thermal Performance**
Party Wall Roll has a declared thermal conductivity of 0.036W/mK.

**Fire Performance**
All Superglass products are deemed non-combustible and have a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.

**Environment**
- Zero Ozone Depletion Potential (ODP) & zero Global Warming Potential (GWP).

**Recycled Content**
All Superglass products are manufactured from up to 84% recycled glass which would otherwise go to landfill.

**Standards**
Manufactured in accordance with:

**Quality**
All Superglass products are manufactured in accordance with BS EN ISO 9001:2015 - Quality Management Systems (QMS).

**Durability**
All Superglass products are non-hygroscopic, will not rot, degrade or sustain vermin and will not encourage the growth of mould, bacteria or fungi.

**Vapour Resistance**
All Superglass products offer negligible vapour resistance allowing vapour to pass freely through the insulation.

**Handling & Storage**
All Superglass products are easy to handle, cut and install. The products are supplied compression packed in polythene to provide short term protection only. For long term protection, the product must be stored indoors or under a waterproof covering in order to protect from weather damage. The products should not be left permanently exposed to the elements.

**Certification**
- Designation Code = MW-13162-T1.
- A copy of the Party Wall Roll Declaration of Performance (DoP) ref: DOP0005 can be downloaded from the Superglass website.

**Associated Products**
TF Party Wall Roll

**BIM Information Modelling (BIM)**
BIM objects for this product can be downloaded from www.bimstore.co.uk or www.superglass.co.uk

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**Product dimensions and information**

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>Length (m)</th>
<th>Width (mm)</th>
<th>Pack Area (m²)</th>
<th>R-Value (m²k/w)</th>
<th>Packs per pallet</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>7.70</td>
<td>3x455</td>
<td>10.51</td>
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<td>125</td>
<td>4.50</td>
<td>3x455</td>
<td>6.14</td>
<td>3.45</td>
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<td>5874*</td>
</tr>
<tr>
<td>150</td>
<td>3.50</td>
<td>3x455</td>
<td>4.78</td>
<td>4.15</td>
<td>24</td>
<td>5869*</td>
</tr>
</tbody>
</table>

*Non-Standard Products

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**Superglass Insulation Limited**
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