

Robust Detail V-WM-27



Masonry Party Wall, Lightweight Aggregate Blocks, Minimum 75mm cavity

August 2017

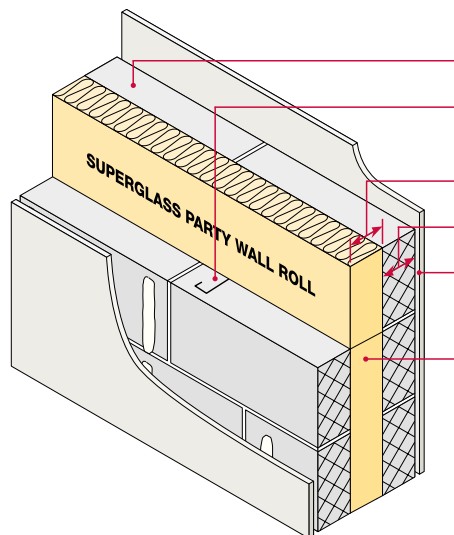
Benefits:

- **Compliant with standard 12.5mm plasterboard (nominal 8kg/m² density).**
- No parge coat required.
- Party Wall Thermal Bypass - Full-fill solution to aid zero u-value compliance.
- No requirement for post-completion acoustic testing.

V-WM-27



Superglass Party Wall Roll



- 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

External flanking wall: Masonry (both leaves) with 50mm (min) cavity - fully filled or partially filled with Superglass Superwall Cavity Batts or fully filled with Superglass Superwhite 34 Blown Cavity Insulation.

The requirements of the Robust Details Handbook should be strictly followed.

| Superglass Party Wall Roll | | | | | | |
|----------------------------|------------|------------|---------------------|--------------------------------|--|--|
| Thickness (mm) | Length (m) | Width (mm) | Fire Classification | Generic BRE Green Guide Rating | Technical Handbook Section 5 (Scotland) Acoustic Performance at least 56 dB DnT,w(*) | Contributes to zero effective U-value (**) |
| 75 | 7.70 | 3 x 455 | A1 non-combustible | A+ | YES | YES |
| 100 | 5.75 | 3 x 455 | A1 non-combustible | A+ | YES | YES |
| 125 | 4.50 | 3 x 455 | A1 non-combustible | A+ | YES | YES |
| 150 | 3.50 | 3 x 455 | A1 non-combustible | A+ | YES | YES |

(**) When used in conjunction with effective edge sealing

For more information on the above Robust Detail please visit www.robustdetails.com or call our Technical Team on **0808 1645 134**.

(*)The Section 5 Robust Details Handbook states that the separating cavity in V-WM-27 can only be insulated using Superglass Party Wall Roll. Acoustic testing has been completed to demonstrate suitability in the above construction. If this solution were to be used on site with an equivalent construction and the same build quality, it would achieve the sound insulation performance level required by Technical Handbook Section 5 (Scotland).



Value for Money



Acoustic Insulation



BRE Green Guide Rating



Easy and quick to install



A1 Non-combustible

Your insulation team

Superglass

A TECHNOMICOL company



www.superglass.co.uk

More Section 5 Robust Details Solutions in Scotland which can incorporate Superglass Party Wall Roll

| Robust Details Solutions | | | | |
|--------------------------|---------------------------|--|---------------------|---------------------------------------|
| Robust Detail | Minimum Cavity Width (mm) | Block Type & Density (kg/m ³) | Parge Coat Required | Wall Finish |
| V-WM-11 | 100 | Lightweight Aggregate - 1350 to 1600 | Yes | Render and gypsum-based board on dabs |
| V-WM-19 | 100 | Dense - 1850 to 2300 or Lightweight Aggregate - 1350 to 1600 | Yes | Render and gypsum-based board on dabs |
| V-WM-21 | 100 | Lightweight Aggregate 1350 to 1600 | No | Wet Plaster |

The above table is to be used as a guide only. Always refer to the Robust Details Handbook.

Assessment for Robust Details status is carried out by Robust Details Limited. Constructions are subjected to a series of acoustic tests in accordance with the requirements of Technical Handbook Section 5 (Scotland) and, if successful, published in the Robust Details Handbook.

Robust Details Limited carries out ongoing quality checking of existing Robust Details in use.

See www.robustdetails.com.

Superglass Insulation Limited

Thistle Industrial Estate, Kerse Road, Stirling, Scotland FK7 7QQ

TECHNICAL

Hotline: **0808 1645 134**




Email: technical@superglass.co.uk

SALES

Tel: **01786 451170**

Email: sales@superglass.co.uk

Fax: **01786 451245**

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Please note - all dimensions are nominal.

Your insulation team
Superglass

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