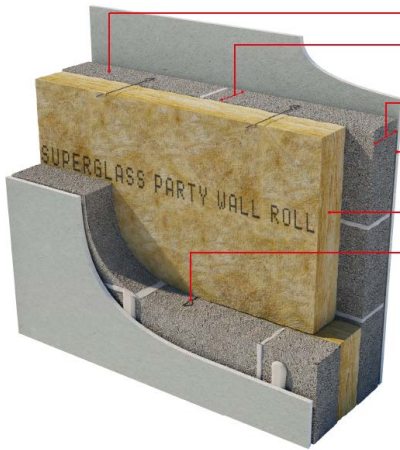


# Robust Detail E-WM-23

August 2023  
Data Sheet

- Masonry Party Wall
- Minimum 100mm cavity
- Aircrete Blocks - Standard & Thin Joint



**Blocks:** 600 to 800 kg/m<sup>3</sup>  
**Cavity width:** 100mm (min)

**Block thickness:** 100mm (min), each leaf  
**Wall finish:** Gypsum based board mounted on dabs (nominal 8kg/m<sup>2</sup>)

**Insulation: SUPERGLASS PARTY WALL ROLL**

**Wall Ties:** Approved Document E 'Tie type A'. For thin joint, wall ties must be Ancon Building Products Staifix HRT4 or Clan PWT4 at no more than 2.5 ties per square metre

**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.



Superglass Party Wall Roll

## Benefits

- Compliant with standard 12.5mm plasterboard (nominal 8kg/m<sup>2</sup> density).
- No parge coat required.
- Party Wall Thermal Bypass - Full-fill solution to aid zero u-value compliance.
- No requirement for pre-completion acoustic testing.



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

Superglass Party Wall Roll						
Thickness (mm)	Length (m)	Width (mm)	Fire Classification when tested to BS EN 13501-1 Reaction to Fire	Generic BRE Green Guide Rating	Approved Document E (Eng & Wal) Acoustic Performance in excess of 45 dB DnT,w+Ctr(*)	Contributes to zero effective U-value (**)
100	5.75	3x455	A1 non-combustible	A+	Yes	Yes
125	4.50	3x455	A1 non-combustible	A+	Yes	Yes
150	3.50	3x455	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](http://www.robustdetails.com) or email our Technical Services Team [Technical.stirling@etexgroup.com](mailto:Technical.stirling@etexgroup.com)

The Part E Robust Details Handbook states that the separating cavity in E-WM-23 may 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 Approved Document E (England and Wales).

# More Robust Details Solutions which can incorporate Superglass Party Wall Roll

Robust Details Solutions				
Robust Details	Minimum Cavity Width (mm)	Block Type & Density (kg/m <sup>3</sup> )	Parge Coat Required	Wall Finish
E-WM-1	75	Dense Aggregate - 1850 to 2300	No	Wet Plaster
E-WM-2	75	Lightweight Aggregate - 1350 to 1600	No	Wet Plaster
E-WM-3	75	Dense Aggregate -1850 to 2300	Yes	Render and gypsum-based board on dabs
E-WM-4	75	Lightweight Aggregate - 1350 to 1600	Yes	Render and gypsum-based board on dabs
E-WM-5	75	Besblock 'Star Performer' -1528	Yes	Render and gypsum-based board on dabs
E-WM-6	75	Aircrete -600 to 800	Yes	Render and gypsum-based board on dabs
E-WM-10	75	Aircrete - Thin Joint System -600 to 800	Yes	Render and gypsum-based board on dabs
E-WM-11	100	Lightweight Aggregate - 1350 to 1600	Yes	Render and gypsum-based board on dabs
E-WM-12	75	Plasmor 'Aglite Ultima' - 1050	Yes	Render and gypsum-based board on dabs
E-WM-13	75	Aircrete - Thin Joint Untied System - 600 to 800	Yes	Render and gypsum-based board on dabs
E-WM-16	100	Dense Aggregate - 1850 to 2300	Yes	Render and gypsum-based board on dabs
E-WM-18	100	Dense Aggregate - 1850 to 2300	No	Wet Plaster
E-WM-19	100	Dense Aggregate - 1850 to 2300 or Lightweight Aggregate - 1350 to 1600	Yes	Render and gypsum-based board on dabs
E-WM-21	100	Lightweight Aggregate - 1350 to 1600	No	Wet Plaster
E-WM-22	100	Lightweight Aggregate - 1350 to 1600 or Plasmor 'Aglite Ultima' - 1050	No	Gypsum-based board on dabs
E-WM-25	100	Porotherm - Thin Joint - n/a	Yes	Ecoparge gypsum-based board on dabs
E-WM-26	100	Besblock 'Star Performer' -1528	No	Gypsum-based board on dabs
E-WM-27	75	Lightweight Aggregate - 1350 to 1600	No	Gypsum-based board on dabs
E-WM-29	75	Porotherm - Thin Joint - n/a	Yes	Ecoparge gypsum-based board on dabs
E-WM-31	100	H+H - Celcon Elements - thin joint - 575	No	Gypsum-based board on dabs
E-WM-34	100	Plasmor 'Aglite Ultima' - 1050	No	Gypsum-based board on dabs

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

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