

TECHNICAL DATA: EVERBUILD FLUE BLOCK SILICONE

DESCRIPTION

EVERBUILD Flue Block Silicone is a high strength, temperature resistant smoke tight structural sealant and adhesive designed for the safe installation/jointing of domestic concrete gas flues for use with domestic gas fires (class two). The product has the following benefits:

- Fully rated (and independently tested by BSRIA) to new BSEN 1443 (2003) and BSEN1858; 2003 (E) – “Chimneys-Components concrete flue blocks.”
- Neutral cure – will not attack concrete flue blocks unlike acetic cure systems.
- Permanently flexible (25% movement accommodation).
- Odourless – suitable for confined space use.
- White in colour for easy identification.
- Long tooling time – 20-30 minutes
- Excellent weathering characteristics – resistant to products of gas combustion in both wet and dry conditions
- Also suitable for sealing around metal flues and ductwork (where temp is less than 160°C).

AREAS OF USE

- Jointing and assembling of domestic concrete gas flue blocks, to block manufacturers instructions, using blocks of following specification or direct equivalent.

Standard	Temperature Class /°C	Pressure class	Resistance to condensate class	Corrosion resistance class	Sootfire resistance class
BSEN 1858	T160	N1	W or D	1	0

ie suitable for use with block types (BSEN1858) G1, H1, J1, K1, L1 or direct equivalent, for chimneys conveying corrosion products from gas only (ie all corrosion class 1).

Copies of independent (BSRIA) test certification available on request.

LIMITATIONS

- Do not use for applications where temperature exceeds 160°C or in contact with direct flame.
- Gas fire input must not exceed 7kW.
- As liner/block type can vary, always follow liner manufacturers instructions regarding installation and check this product is compatible with their systems.
- In line with current standards and regulations, all flues must be fully smoke tested after installation to ensure correct function. Similarly, when gas appliance is fitted, the complete system must be smoke tested in line with BS5440 part 1 or direct equivalent by an approved gas fire installer, prior to being put into service.

- It is the users responsibility to determine suitability for use which must be checked with flue block manufacturer prior to installation.

STORAGE - Store in cool, dry conditions between +5 and +25 °C. Storage outside these parameters will dramatically reduce shelf life.

SHELF LIFE - Use within 18 months.

APPLICATION

- All surfaces to be sealed must be sound, dry and clean.
- Cut the tip of the cartridge taking care not to damage the thread. Fix nozzle and cut to required aperture.
- Apply using a standard sealant gun according to block manufacturers instructions.

COVERAGE –

BEAD SIZE (MM)	LINEAR METERS PER 310ML TUBE (APPROX)
6	11
8	6
10	4

HEALTH AND SAFETY

Low hazard product. However, the following is recommended:-

- ❖ Do not take internally.
- ❖ Keep out of reach of children.
- ❖ Avoid contact with eyes. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice.

(EVERBUILD LOGO)

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C3 Pack

Rev. 0

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