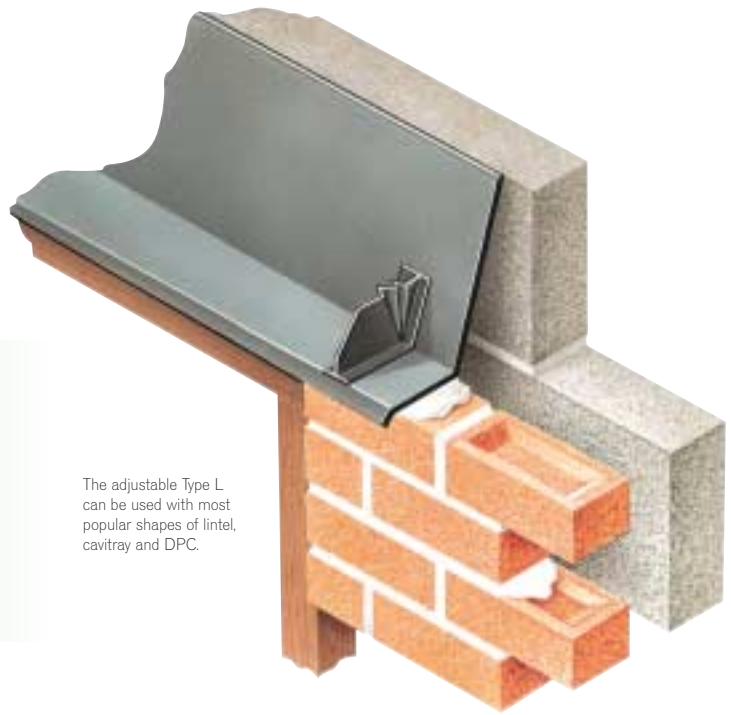


Type L Lintel Stopends



The adjustable Type L can be used with most popular shapes of lintel, cavitray and DPC.

- Adjusts for secure fit
- Ensures consistent and compliant build detail
- Integral bonding strip in base
- Suits wide range of styles and shapes

designers' comments

Stopends are now recognised as a necessity. In 1989 the B.R.E. published their report, "Thermal Insulation... Avoiding Risks". (See 1/SfB(A3))(M²). This report confirmed and recommended the precautions, which Cavity Trays Ltd have for many years advised merited incorporation for long term integrity of construction. Our recommendations were vindicated by this report. In 1994 the NHBC issued a directive that stopends must be used with lintels. The effect of stopends is to create self-contained DPC units with their own discharge outlets. This concept was originally developed by Cavity Trays Ltd in 1959, when a range of tray styles, each with integral stopends was made available. 35 years after this original development work the use of stopends with DPCs has become an obligatory undertaking. Stopends now form part of the new British Standard 5628:3-2001.

technical observations

Branded with name and logo as proof of type and accompanying warranty.



problem

How to create lintel stopends for use at the ends of most popular DPC steel lintels to prevent discharge of water into the cavity. Stopends may also be applied to a range of cavitrays, DPCs and barriers. Now recommended by NHBC and BS8215: 1991.

introduction

The use of Type L lintel stopends quickly and economically introduces a lintel feature which removes the problems and dangers that might otherwise be experienced with volumes of water being directed into the cavity.

solution

Stopends are available in two standard styles to suit most popular lintels and lintel damp courses, cavitrays etc. Incorporated into the moulded base of the lintel stopends is a butyl anchoring strip, which enables stopends to be secured towards the end of lintels etc, in the most appropriate position to suit the masonry perp joint. Stopends do not disrupt the bond. When fitted, discharge from lintels is directed

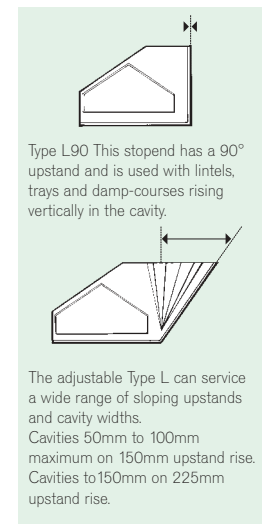
through brickwork weeps, and reference should be made to weepvents. These fulfil the weep function whilst also helping to reduce the pressure difference between the two surfaces of the outer leaf. This can directly dictate a slight reduction in the amount of water penetration. Weepvents also promote ventilation of the cavity.

The presence of cavity insulation or fill can change the behaviour of water within the cavity, whilst sites which are severely exposed can introduce further criteria. The new NHBC standards and BS8215 refer to the use of lintel stopends to prevent water running back into the construction. NHBC clauses now qualify that a cavity tray or lintel should receive lintel stopends, in accordance with its directive. The Building Research Establishment defect action sheet (DAS98) states, "If stopends are not used on cavity trays or lintels acting as cavity trays, rain water discharge particularly in cavity filled walls, may wet the inner leaf, producing dampness of internal walls". "Consider specifying stopends

or cavity trays acting as stopends as recommended. Stopends are essential where cavity fill is to be installed and very desirable elsewhere."

sizes

Special sizes for non-standard applications or skin thickness available.



material

Durrpolyethylene 6/A.

colour

Black.

installation/site work

Ensure the surface of lintel is clean and dry. Remove protective covering to

anchoring seal on bottom of stopend. Position to suit perp joint nearest the very ends of the lintels/DPC/cavitray.

bill of quantity wording

Type L Durrpolyethylene lintel stopends from Cavity Trays Ltd of Yeovil, Somerset BA22 8HU (01935 474769). The type of lintel/DPC/cavity tray being used must be clearly specified to ensure the correct size/type of Type L lintel stopend is supplied. State style of stopend if known Apply stopends to ends of lintel in accordance with manufacturer's instructions.

Total number of stopends = Request liability/conformity document upon completion.

ordering/regulations

See inside back cover for details.

related products and applications

Type L Lintel Stopends should be used with weepvents to permit water discharge. See Type W, Euroweep-vent, small weepvent and beak weep.