



WALLTITE®

The airtight insulation solution

CI/SfB | | (42) | Yn6 | (M2)
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Masonry cavity wall insulation

Data sheet 4.1

 **BASF**

The Chemical Company

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Description

WALLTITE is used to restore the structural stability and reduce the thermal transmittance of existing cavity walls, with masonry inner and outer levels, in which the conventional wall ties have corroded. It is also used in new construction where its superior thermal performance and resistance to flood water is of importance. It has excellent resistance to driving rain and can be installed in all geographical exposure zones.

WALLTITE is also ideal where the need to reduce air leakage is important. The foam seals the cavity, does not shrink or allow air to pass through it, therefore air leakage through the cavity can be reduced to zero. WALLTITE stabilises the wall by adhering to the inner surfaces of the cavity and providing a continuous structural connection between the two leaves.

Because of the greater thermal performance and the reduced air leakage, WALLTITE outperforms all other forms of cavity fill. It is hypo allergenic and so contains no fibres, dust or obnoxious fumes.

Certification

WALLTITE has undergone various performance tests. Certificates are available on request.

Technical data

Specification:	BS 7456: 1991 injected WALLTITE into masonry cavity wall
NBS clauses:	F30, 10 and 150 P11, 50, 220, 230 and 24
Average depth:	75mm
U-value:	0.27W/m ² K
Condensation risk:	Zero
Ventilation:	Not applicable

U-value calculation

Construction details (brick/block cavity wall)	Thickness (mm)
Masonry bricks	100
WALLTITE	75
Lightweight blockwork	100
U-value	0.27 W/m²K

