



WALLTITE®

The airtight insulation solution

CI/SfB | | (45) | Yn6 | (M2)
October 2011

External soffit insulation

Data sheet 4.2

 **BASF**

The Chemical Company

External soffit insulation Data sheet 4.2

Description

WALLTITE in-situ applied PUR insulation foam can be applied directly to the underside of either concrete or steel hollow rib design, ground floor structures.

This rigid insulation system does not suffer from air erosion problems and remains permanently adhered even in exposed situations.

Its low thermal conductivity maximises head room.

Ribbed or waffle shaped soffits can be rapidly, economically and seamlessly insulated with WALLTITE.

Any penetrations into the soffit such as ceiling or pipe hangers and cable trays can easily be sealed by a WALLTITE application, preventing heat loss and cold spots.

Certification

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

WALLTITE used in conjunction with a fire retardant coating will achieve a Class 0 rating.

Technical data

Conforms to: Part L1A 2010, Appendix A

NBS clause: P10 185

Element: Floor

Basement soffit

Internal surface emissivity: High

External surface emissivity: High

U-value calculation

Construction details	Thickness (mm)
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Outside surface resistance	
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WALLTITE	120
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Concrete, dense (BS 5250)	200
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Inside surface resistance	
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U-value	0.20W/m²K
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