



WALLTITE®

The airtight insulation solution

External soffit insulation

Data sheet 4.2

 **BASF**

We create chemistry

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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.

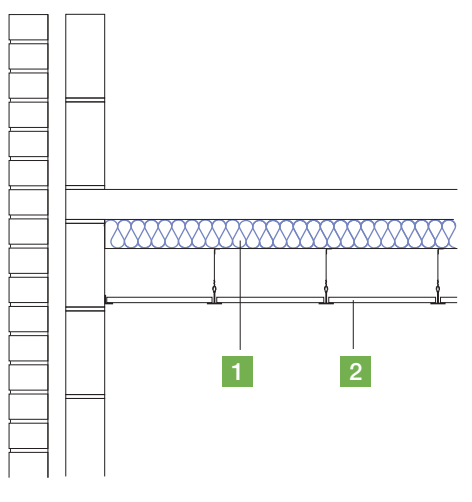
Certification

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.

Typical detail:

External soffit insulation



Technical data

NBS clause	P10 185
Adhesion to concrete	260kPa
Lambda 90/90	0.025 to 0.028W/mK
Fire rating	Class 1 to BS 476 Part 7

U-values

Thickness of WALLTITE (mm)	U-value (W/m ² K)
120	0.20
100	0.25
80	0.30

1. WALLTITE CL100 insulation to achieve target U-value
2. Suspended ceiling

