



WALLTITE®

The airtight insulation solution

CI/SfB | | (27.9) | Yn6 | (M2)
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External roof insulation

Data sheet 2.4



 **BASF**

The Chemical Company

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Description

WALLTITE can be applied to the external surfaces of corrugated and profiled roof cladding. The in-situ application overcomes problem areas such as cracked roofing sheets and glazing, perished fixing bolt seals and gaps in the sheeting.

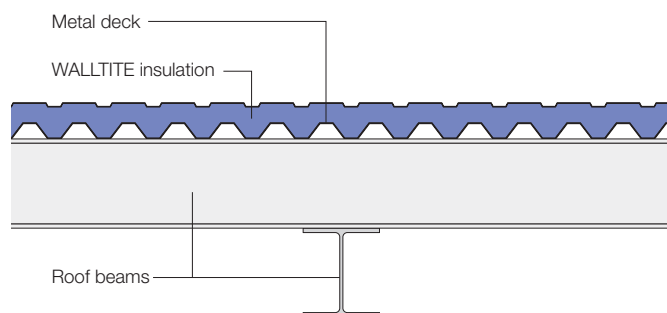
This practical way of insulating and weatherproofing a commercial building roof, provides a lightweight solution to condensation problems without disruption to production within the premises.

In these situations the WALLTITE needs to be provided with UV protection via a recommended membrane coating.

- Simple, seamless insulation of critical areas
- Suitable for virtually all substrate
- Economic due to 'fast track' installation
- Lightweight
- Adapts to any profile without gaps
- High compressive strength for occasional foot traffic

Certification

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



Technical data

Specification:	External roof
Internal surface emissivity:	High
External surface emissivity:	High

U-value calculation

Construction details (external roof)	Thickness (mm)
Outside surface resistance	
UV protective membrane	
WALLTITE	35
Fibre cement sheeting (BS 5250)	10
Inside surface resistance	
U-value	0.71W/m²K

(Correction for mechanical fasteners, $\Delta U_f = 0.000W/m^2K$)

(Correction for air gaps, $\Delta U_g = 0.000W/m^2K$)

