

Windload

Technical Request

Client Name

Contact Name

Email report to

Copy report to

Telephone no.

Request Date

Your Ref

Siltec Ref

Project Name

Site Address

Site Postcode

Details of Site and Building

Height (m)

Width (m)

Length (m)

Roof Shape

Roof Type

Roof Pitch

Parapet (mm)

Please supply as much exact detail as possible to ensure an accurate calculation. Possible roof types are flat (5° or less), monopitch or duopitch, or circular (5° or less). If the roof is anything other than a simple rectangle, drawings may be required for the necessary features to be accounted for, and it can save time if these are attached with the initial request.

Details of Application

Membrane Specification

Membrane Width (m)

Overlap Width (mm)

Please give a manufacturer and product code for the membrane if possible or, at a minimum, the membrane material type. If there are minimum and maximum fastener spacing details then please note them on page two.

Deck Specification

Deck Crown Pitch (mm)

Crown pitch is essential for metal decks. If the deck product code is given then the pitch will be known, otherwise please make sure this information is included. For other materials please be as exact as possible, including thickness if relevant.

Insulation Specification

Insulation Thickness (mm)

Include fastener calculations for insulation fixing?

Please include insulation details even if you don't require a calculation for fixing it, as they do affect the membrane fixing calculation. Include board size if known.

Calculate perimeter or upstand fixings?

Perimeter Centres (mm)

If TermBar or similar is specified, the windload report can include the perimeter length and number of fasteners needed. Please indicate above if this is required.

Has a site pull-test been carried out or requested?

Fastener Specification

If there are fastener requirements such as stainless material, barbed tubes or plates in preference to tube washers, please give details.

Landscape

Please enter "significant vertical features" if the building is on or near a cliff or escarpment or near the top of a major hill, otherwise standard generally flat terrain will be assumed. If vertical features are significant, please provide details of the relevant terrain.

Openings

Wind loadings will be affected by internal air pressure. If the deck below the calculated roof area is not completely airtight, please specify what openings the building has. "Dominant" means a significant portion of at least one wall, such as for a roller shutter door. "Fully open" means at least one building face is or can be completely absent.

Setting

The "Town" category is defined as a built-up area with an average roof level at least 5 metres above ground, and the building should be at least 2km within the area boundary for it to apply. The "Sea" category applies to any building within 2km of the sea shore, regardless of whether that area is built-up.

Any other relevant information can be noted on page two or attached separately. Calculation reports will normally be produced within two working days

