EJOT Fastening Systems LP

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Design information for mounting PV using EJOT Solar i-clip

Snow Loads

Solar i-clip has been tested to its yield point giving a load of approximately 4,500 lb (20 tonnes) equating to approximately 4,415 cubic feet of snow on top of each i-clip, typically greater than the building's design capacity.

Wind Uplift

The uplift values for Solar i-clip have been established after completing the new MCS012 test at the BRE, giving a value of 903 Pascal's for each Solar i-clip installed. This equates to a 163mph wind speed, interpreting the data through the BRE wind load model.

The number of Solar i-clips installed on any specific installation relates to the location/condition of the building etc., and is the responsibility of the installer to calculate. All wind load calculations are based upon BRE guidance note 485, stipulated by MCS3002.

As a rule of thumb, 1 x Solar i-clip per 5.375 square feet will provide enough strength for the majority of installations.

For further information regarding Solar i-clip please see contact information below.

EJOT Technical Team – 262-612-3550
Solar i-clip website – www.ejot-usa.com