SITEGUARD DATA SHEET

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SITEGUARD
ANTI – FALL TROUGH GUARD
DATA SHEET

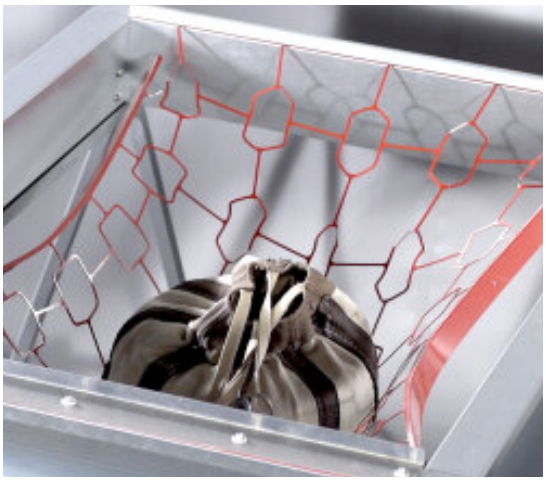
HOW IT WORKS:

The purpose of a SiteGuard safety guard is to prevent a person from falling through a natural ventilator.

APPLICATION:

In industrial, commercial and public buildings, where natural ventilators have been or will be installed, a SiteGuard prevents a person from falling through such a ventilator, e.g. during the course of maintenance or when snow has to be removed from the roof in winter, etc.





FEATURES AND BENEFITS:

The guard has been modelled on the spider web, an ingenious natural creation. Should a person fall onto the guard, the forces generated are absorbed by it and they are not transferred onto the building structure. It has been proven that fitting a SiteGuard into a ventilator throat has no negative impact on the aerodynamic performance of the natural ventilator installed above it. SiteGuard is extremely light, robust and cost effective.

For further info please see the next page.

We believe people deserve to work & live in safe & beautiful buildings.

SMOKE CONTROL

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DESIGN SUPPLY INSTALL MAINTAIN
FPA GOLD MEMBER Fire Protection Association Australia
ISO 9001:2015 ISO 14001:2015

DATA SHEET SITEGUARD

KEY FEATURES

- **Strong**
  The 300 J SiteGuard has been tested in accordance with the GS-Bau 18 (as of February 2001) standard. A 300 J SiteGuard test sample has been able to withstand a load of 600 joules.
  The 1200 J SiteGuard has been tested for resistance to falling through in accordance with EN 1873: 2014 and EN 14963: 2006 and can withstand a load of 1200 joules.

- **Safe**
  SiteGuard prevents a person falling through a guard.

- Thanks to its sophisticated lattice structure it is extremely light, robust and **cost effective**.

- **Simple installation**
  The various kinds of SiteGuards can easily and quickly installed.

- **Aerodynamic performance unaffected**
  The design of the guard means that a SiteGuard has no negative impact on the aerodynamic performance of the natural ventilator installed above it.





GUARANTEED SAFETY – IN ALL SITUATIONS

A SiteGuard safety guard is integrated into a natural ventilator. Thanks to its sophisticated lattice structure, SiteGuard can absorb the high forces placed on it by a person falling onto it, owing to its special design. Such forces are not transferred onto the building structure.

SiteGuard is made from galvanized steel (1 to 1.5 mm thick) and can be powder coated if desired.

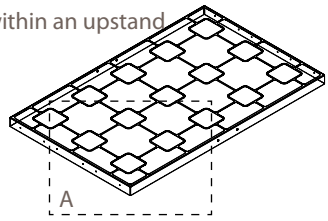
The dimensions of the individual guards range from 1000 mm to 2500 mm in width and from 620 mm to 1350 mm in length. Safeguard systems are either installed into or on the base of the natural ventilator. Five different types are available for this purpose. SiteGuard systems are also suitable for installation into roof lights.

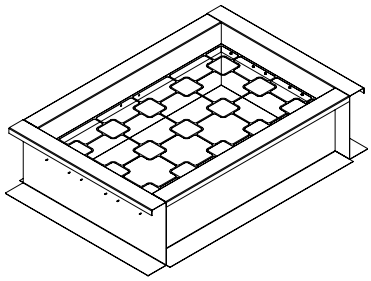
Minimal time to install: The guard is simply placed between the upstand and the ventilator and attached to the ventilator. SiteGuard is suitable both for new installations and for retrofits.

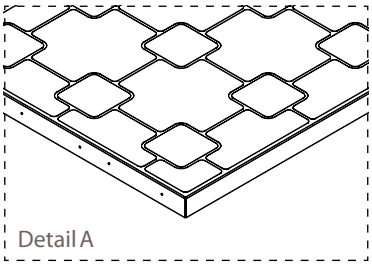
Fitting a SiteGuard into a ventilator throat has no negative impact on the aerodynamic performance of the natural ventilator installed above it, thus there is no loss of EN 12101-2 certification. There are external certificates to prove this.

The difference between 300 J and the 1200 J SiteGuard systems is that with the latter there is additional stiffening in the corners of the units. As a result the 1200 J SiteGuard has been proven to be capable of absorbing 1200 joules of energy.

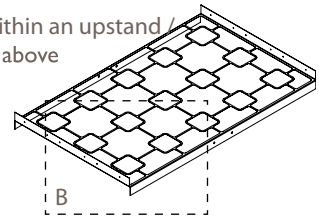
SiteGuard –
Installed within an upstand

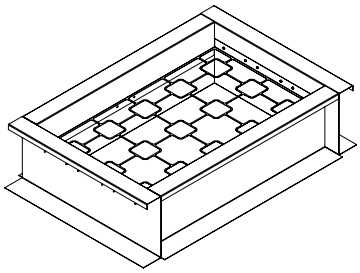


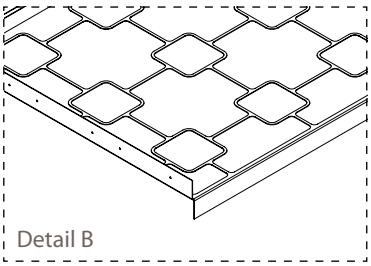




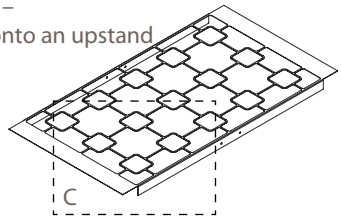
SiteGuard –
Installed within an upstand /
fitted from above

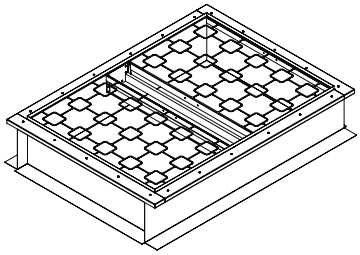


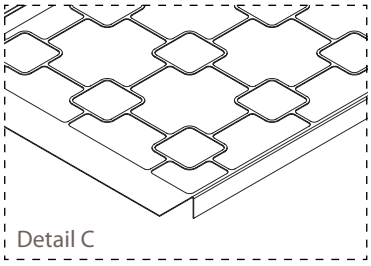




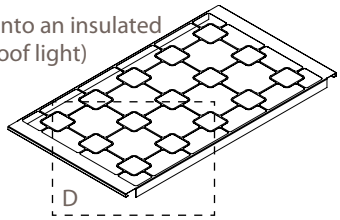
SiteGuard –
Installed onto an upstand

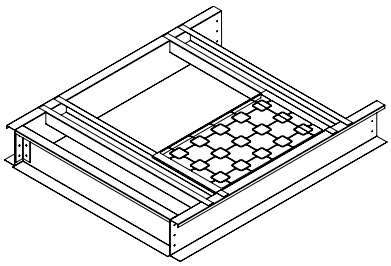


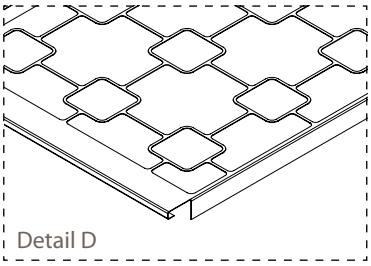




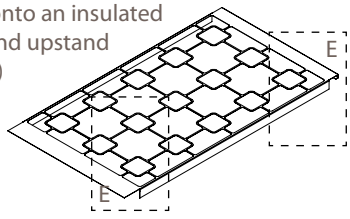
SiteGuard –
Installed onto an insulated
channel (roof light)

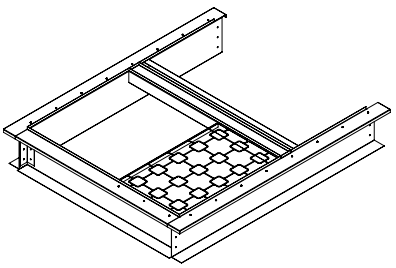


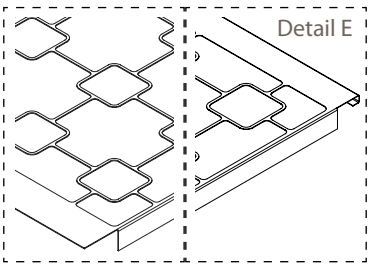




SiteGuard –
Installed onto an insulated
channel and upstand
(roof light)







All the illustrations here show a 300 J SiteGuard