

Installation Guidance

HIGHLIGHT allows considerable ventilation and light into agricultural and equine buildings and provides a performance life of 8 -10 years to first maintenance when installed correctly.



for Livestock and Equine Buildings

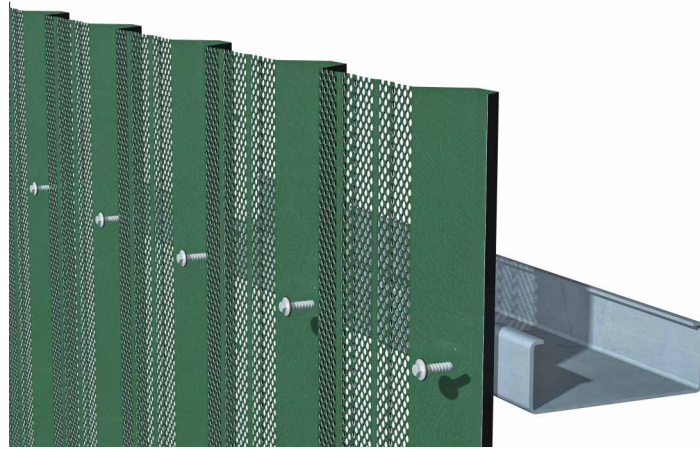


Figure 1: fixing through valley's to sheeting rail



Figure 2: fixing at side laps and through valley

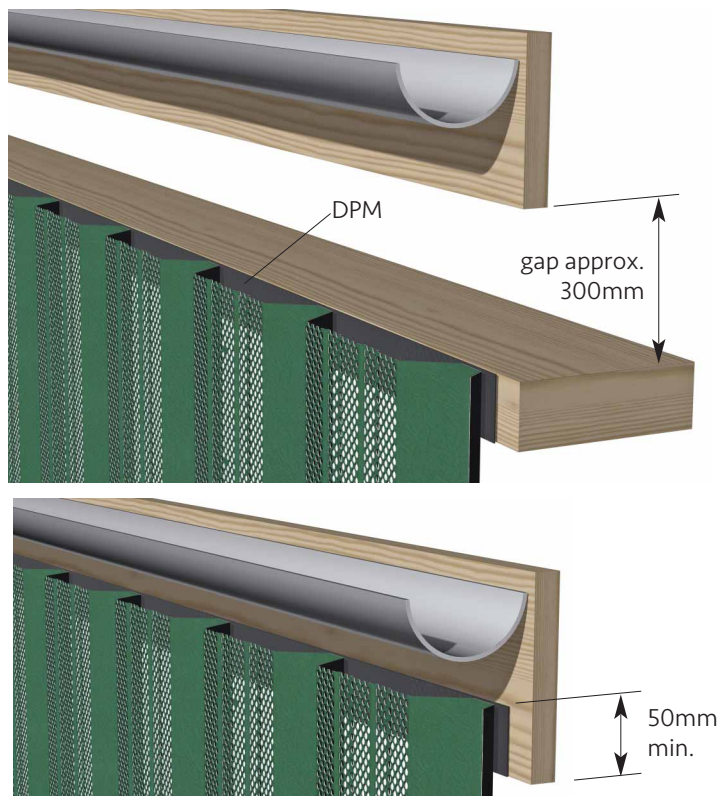


Figure 3: typical eaves details

Handling and Storage

HIGHLIGHT has sharp edges, especially at the top and bottom and strong gloves should be worn when handling and installing it. HIGHLIGHT must be kept dry and covered until fitted.

Installation

The following steps must be followed to ensure correct installation.

- Fit HIGHLIGHT above solid walls and out of reach of the livestock to avoid damage and possible injury to animals.
- Do not cover any perforations. Moisture and potentially corrosive debris must be kept clear from the holes.
- Fix HIGHLIGHT through every valley to timber or metal sheeting rails with self-drilling TEK screws at maximum 1.8m centres (figure 1). This will allow the weather that is inhibited by the sheet to hit the face of the sheet and run freely down the front and back of the perforated face. The screws can be supplied with loose coloured caps or factory coloured heads.
- Side laps are formed by lapping the male overlapping leg into the female trough of a profile (figure 2). Best practice suggests the exposed edge of a lap should face away from the prevailing wind.
- Fixings to light section steel should be at least 25mm long, and embedment into timber purlins should be at least 30mm.
- Like all metal sheets, HIGHLIGHT should be isolated from treated timber by, for example, a DPM, to prevent corrosion.
- Avoid the use of a covering fascia board at eaves (figure 3). The perforations being in contact with any flat surface will cause a small amount of moisture to be trapped in the hole which over time can lead to premature corrosion.