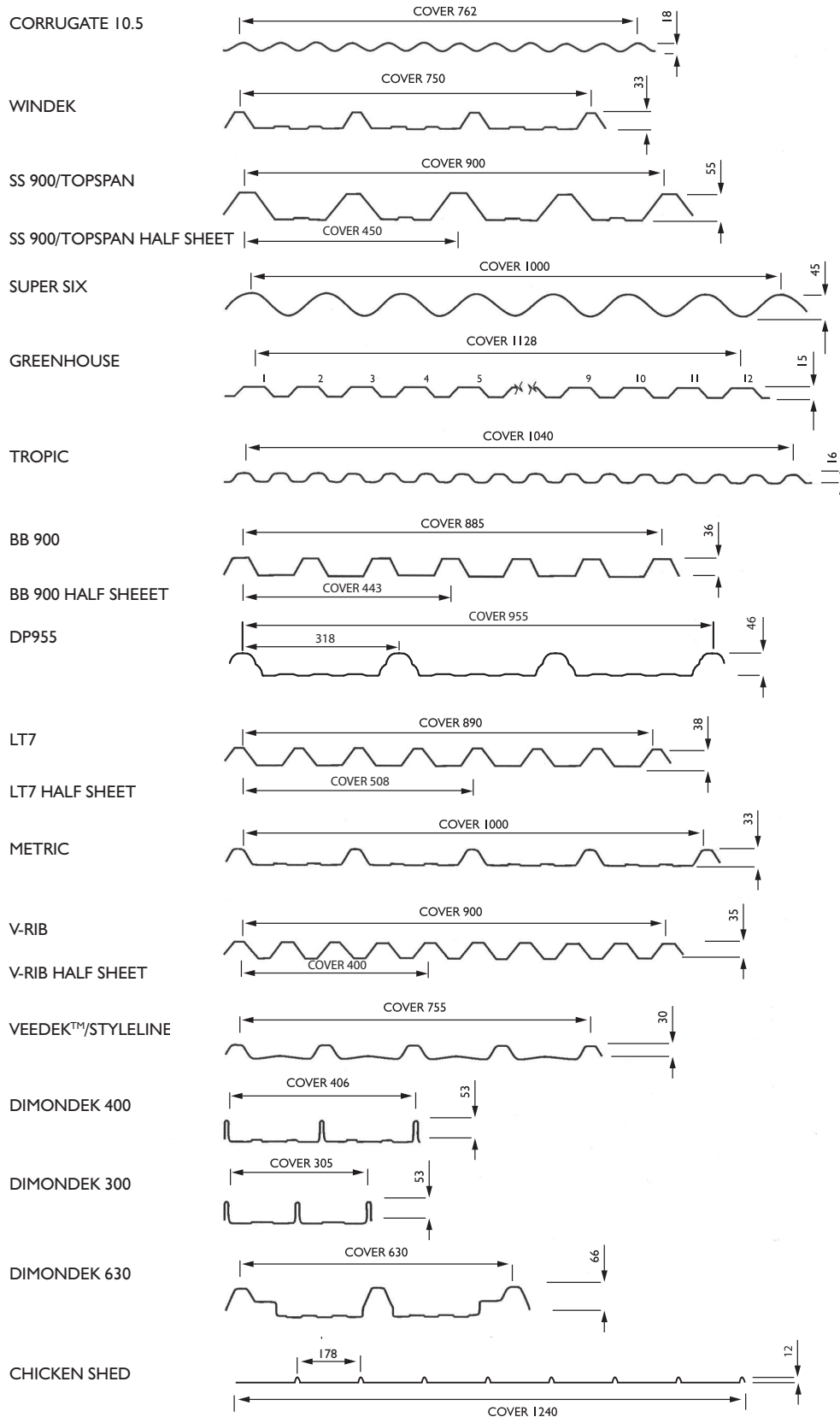


## 2.4.1.2 COMPONENTS

### 2.4.1.2 PROFILE RANGE

The following profiles are available in all Dimond Natural Lighting products. In addition, profiles matching most other metal roofing products may be available.



#### 2.4.1.2.2 BARRIER STRIP

The recommended strip to use as a barrier between the purlin/mesh and Natural Lighting sheets is Purlin Protection Strip (PPS). These flat sheet strips of GPP are provided with double sided tape on one side for attachment onto the purlin over the netting or safety mesh before the Natural Lighting sheets are fixed down. They are supplied in either 70mm or 90mm wide strips to best suit the purlin flange width.

#### 2.4.1.2.3 FASTENERS

1. Primary Natural Lighting sheet fasteners should be the correct length gauge and grade of screw fastener for the profile and will therefore be specified as the same fastener as for the adjoining metal sheeting. Clearfix 12g x 65mm long hex head self-drilling screws, drill both an oversized clearance hole in the Natural Lighting sheet and self drill into timber or steel purlins. Suitable for Corrugate, Styleline/Veedek™, Dimondclad into timber or steel purlins and DP955, BB900, LT7 and V-Rib profiles into steel purlins only.
2. Washers, metal profiled shaped washers used with a 36Ø EPDM seal.
3. Lap stitching fasteners
  - Stitching to metal – 2.2.3.1
  - Stitching to fibreglass sheet – gutter bolt with compressible rubber sleeve

#### 2.4.1.2.4 DIMOND SKYLIGHT FILM

Manufactured by Agpack Plastics Limited specially for use as a low cost condensation carrier/barrier beneath Dimond Natural Lighting products. The film is manufactured from a mix of virgin polymers to give a high tear resistance, and has additives for protection against rapid UV degradation. The film carries a durability period of 10 years. Genuine Dimond Skylight Film is branded on the film and has a thickness of 125 microns. Available in widths of 1000mm or 1300mm and roll sizes of 50 Lm or 100 Lm.

#### 2.4.1.2.5 FLASHINGS

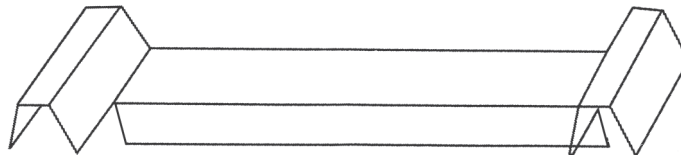
Metal flashings – see Section 2.1.3.6.

Natural Lighting Stop End – purpose made angle to suit profile rib height and to extend at least 50mm under the sheet to allow fixing and silicone sealant.

#### 2.4.1.2.6 MID SPAN SUPPORT

Purpose made angle with folded end profiles to fit over adjoining metal sheeting ribs. For Dimondek 630 the end profiles fit under and snap into the rib.

Manufactured from 0.95mm G250 Z450 galvanised steel unless otherwise specified. The mid span support is not intended to support point loads from foot traffic.



#### 2.4.1.2.7 SAFETY MESH

Ausmesh – see Section 2.4.5.

#### 2.4.1.2.8 PROFILE STRIP

Closed cell foam strip to match sheet profile see Section 2.2.4.2.