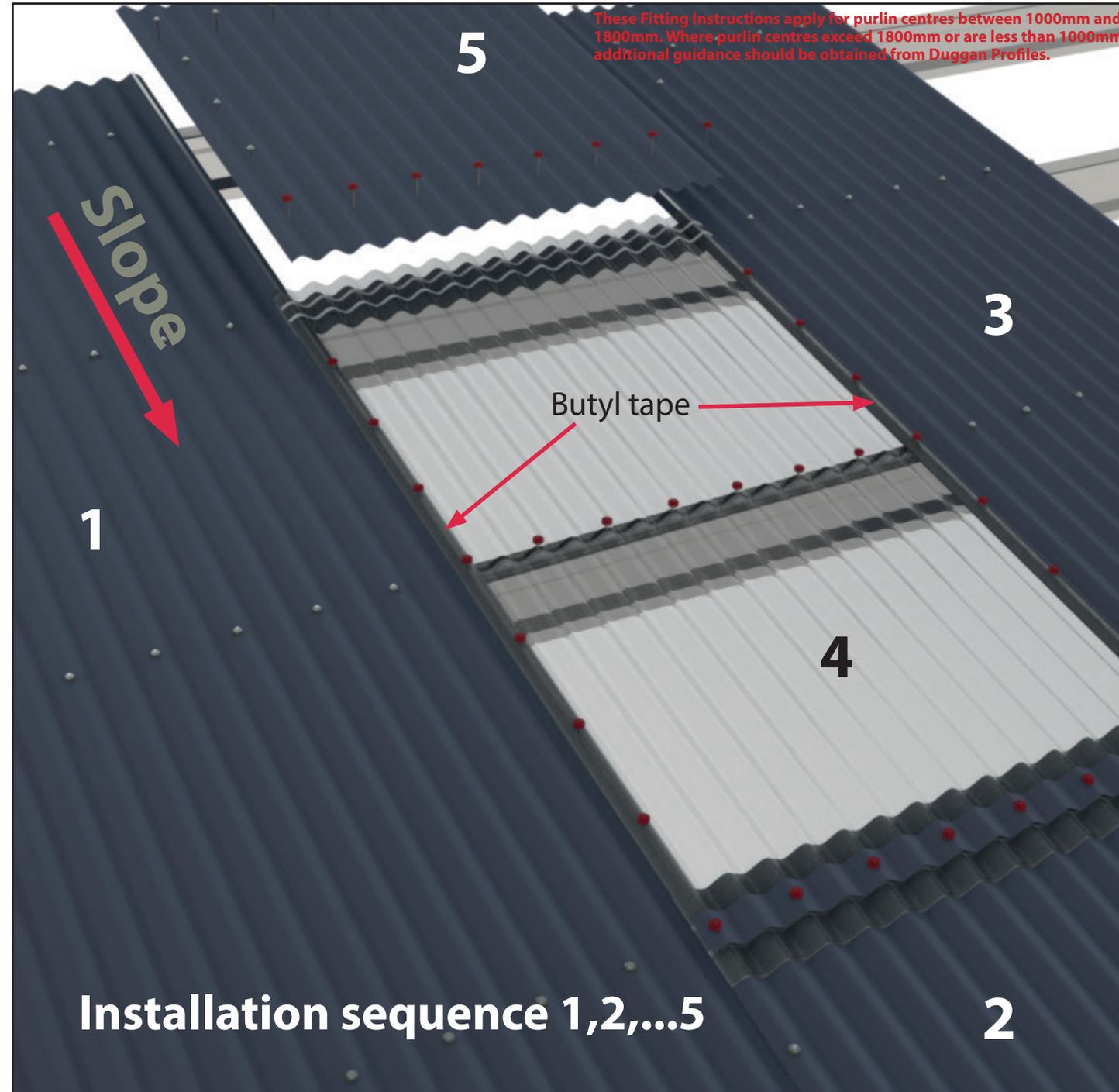




These Fitting Instructions apply for purlin centres between 1000mm and 1800mm. Where purlin centres exceed 1800mm or are less than 1000mm additional guidance should be obtained from Duggan Profiles.



Fixing Instructions

Pre-drilled holes: It is essential that all holes for fixing screws are pre-drilled minimum 10 mm diameter to allow for thermal movement and fasteners must not be over-tightened to allow for this.

Washers: Washers should have bonded-on EPDM or other material compatible with polycarbonate.

End lap sealing: One row of cross-linked butyl tape, minimum 9 mm x 3 mm, light in colour, preferably white, each side of the line of primary fasteners.

Side lap sealing: One row of cross-linked butyl tape, minimum 9 mm x 3 mm, light in colour, preferably white, along the line of secondary fasteners

Primary fasteners: These should have washers with a minimum diameter of 19mm. There should be one primary fastener through alternate corrugation crowns. Primary fixings must be at least 75mm from ends of sheet.

Secondary fasteners: These should have washers of minimum diameter 19 mm and be used at approximately 300 mm centres.

Foil tape: Plastisol coating on roofing sheets is aggressive to polycarbonate. It is essential that the lapped area of metal sheet at either side of and at the lower end of the AgriLight has an aluminium foil adhesive tape applied to completely isolate the polycarbonate from the plastisol coated metal.

Foam fillers: It is best practice to fit a supporting profiled foam filler or full profile width strip under the rooflight on all other purlins. This assists in avoiding vibration caused by wind and ensuring weather-tightness.

Profile strips at end laps: Where the rooflight end-laps under the metal a 0.7mm x 150mm long full width metal profile strip should be placed under the rooflight, resting on the purlin, with its lower edge in line with the lower edge of the lapping metal.

Where the rooflight end-laps over the metal a 0.55mm x 75mm long full width metal profile strip should be placed on top of the rooflight, centred on the line of fasteners through the end lap.

Where rooflights end lap on intermediate purlins a 0.7mm x 150mm long full width metal profile strip should be placed under the rooflight resting on the purlin, and a 0.55mm x 75 mm long full width metal profile strip should be placed on top of the rooflight, centred on the line of fasteners through the end lap.

