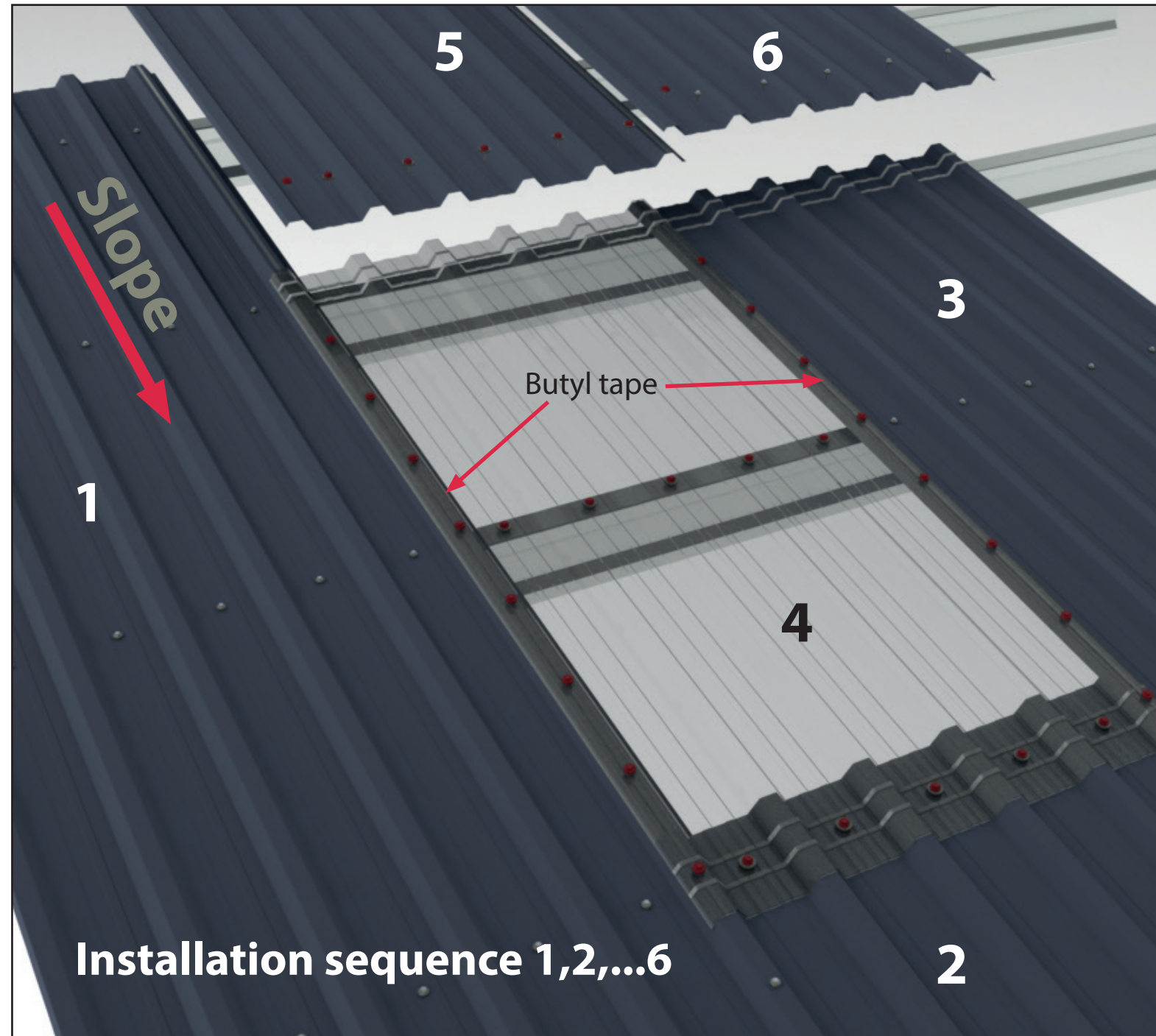


DUGGAN Prolight Fitting Instructions

Version 4.0



Installation sequence 1,2,...6

Fixing Instructions

These Fitting Instructions apply for purlin centres between 1200mm and 1800mm. Where purlin centres exceed 1800mm or are less than 1200mm additional guidance should be obtained from Duggan Profiles.

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.

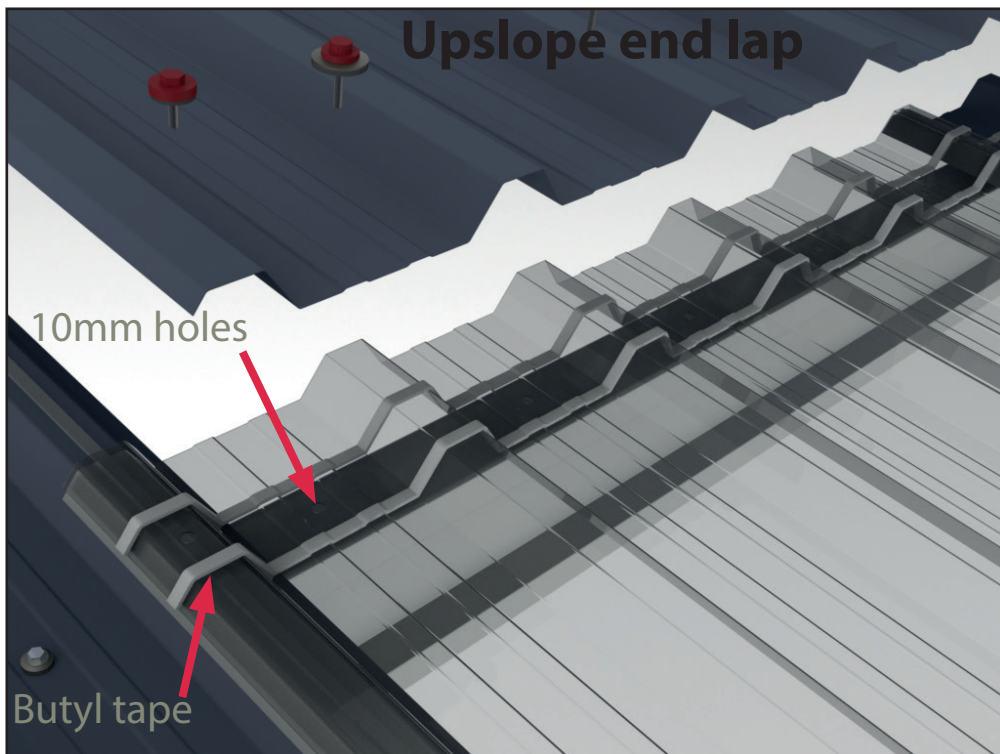
Side lap sealing: One row of cross-linked butyl tape, minimum 9 mm x 3 mm, light in colour, preferably white, along the line of secondary fasteners

Primary fasteners: These should have washers of minimum diameter of 26 mm. There should be one primary fastener per valley at end laps and intermediate purlins. Primary fixings must be at least 100 mm from ends of sheet.

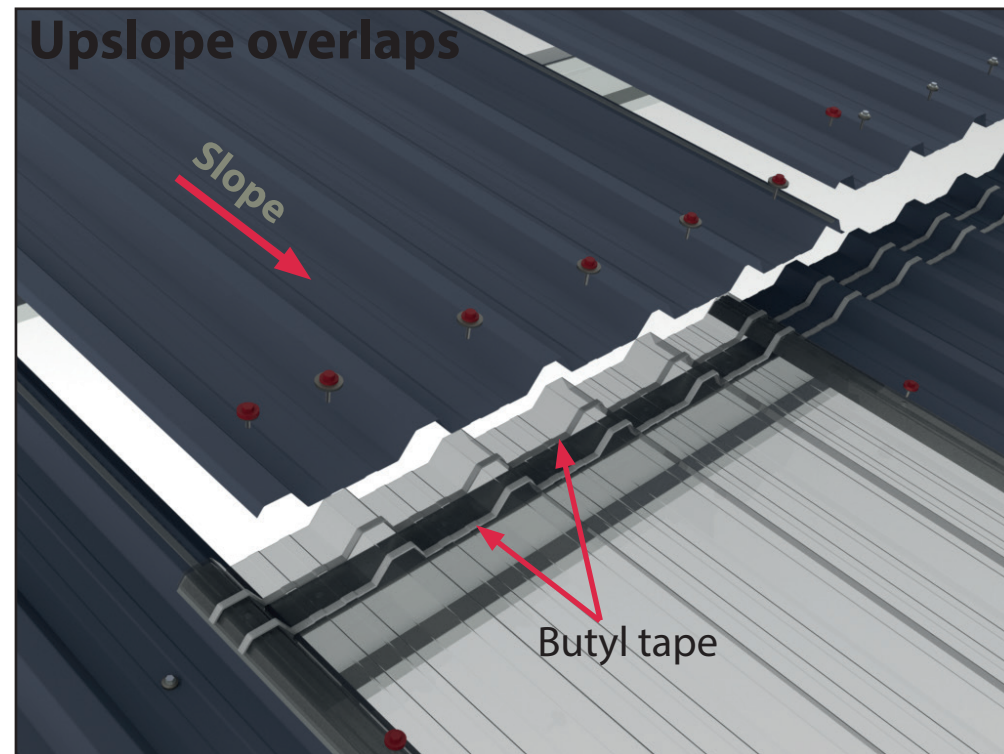
Secondary fasteners: These should have washers of minimum diameter 19 mm and be used at approximately 300 mm centres.

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 ProLight has an aluminium foil adhesive tape applied to completely isolate the polycarbonate from the plastisol coated metal.

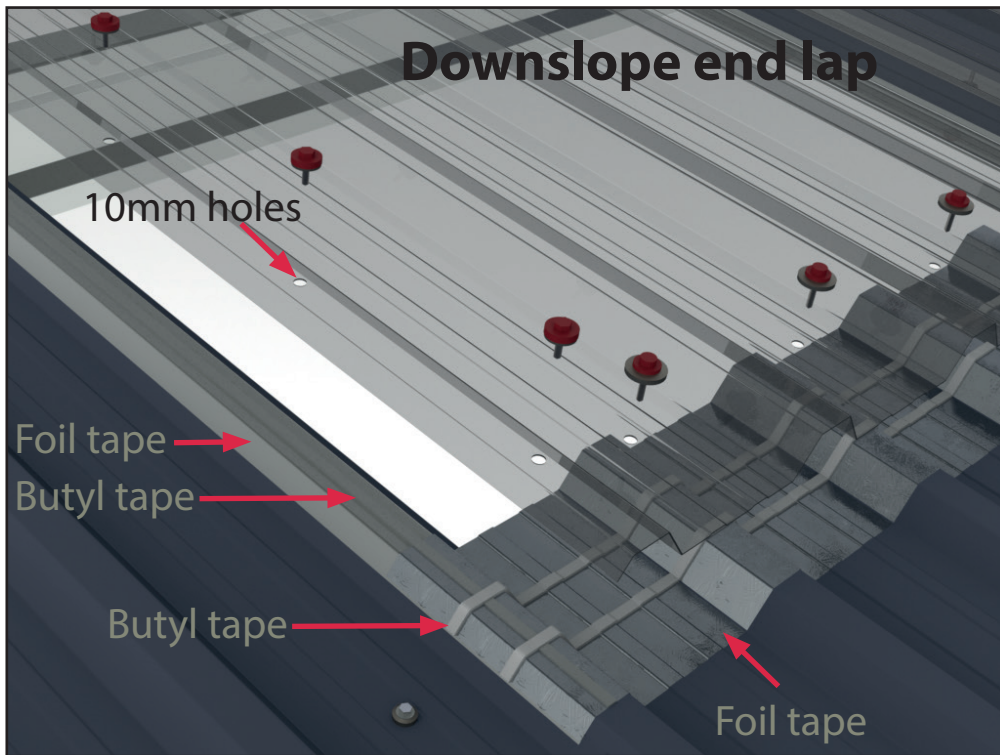
Upslope end lap



Upslope overlaps



Downslope end lap



Intermediate joint

