TRIM-KLIP®

END/EXPANSION JOINT SOLUTION FOR TRIMDEK®

This document is to be read in conjunction with the LYSAGHT® Cyclonic Area Design Manual, the LYSAGHT® Roofing and Walling Installation Manual, the TRIMDEK® brochure and the TRIM-KLIP® brochure current at the time of publication.

The installation of the TRIMDEK® roofing and the TRIM-KLIP® should generally be in accordance to the instructions given in the LYSAGHT® Roofing and Walling Installation Manual, the TRIMDEK® brochure and the TRIM-KLIP® brochure, with the variations detailed below.

WEATHER STRIPS

The TRIM-KLIP® system shall consist of a TRIM-KLIP® bracket at each rib with two rows of weather strips located either side, as per Figure 1. With the two rows of weather strips, each row must have the join in alternating pans (i.e. the joins are off-set).
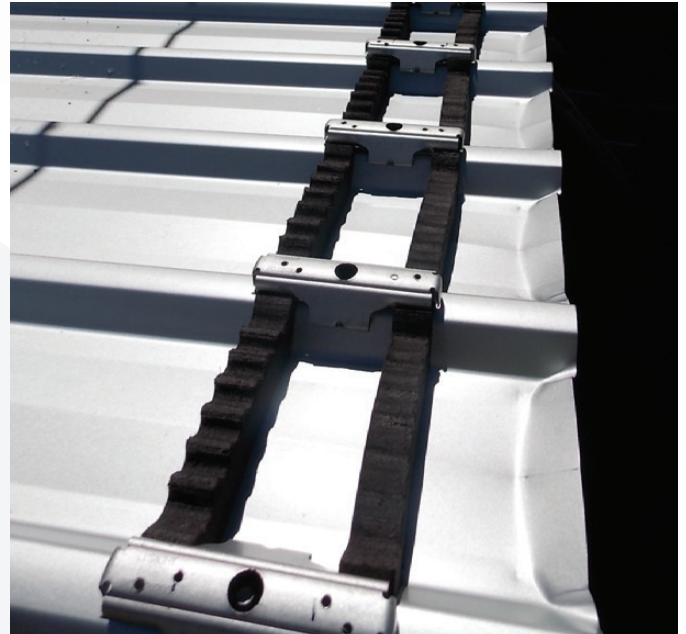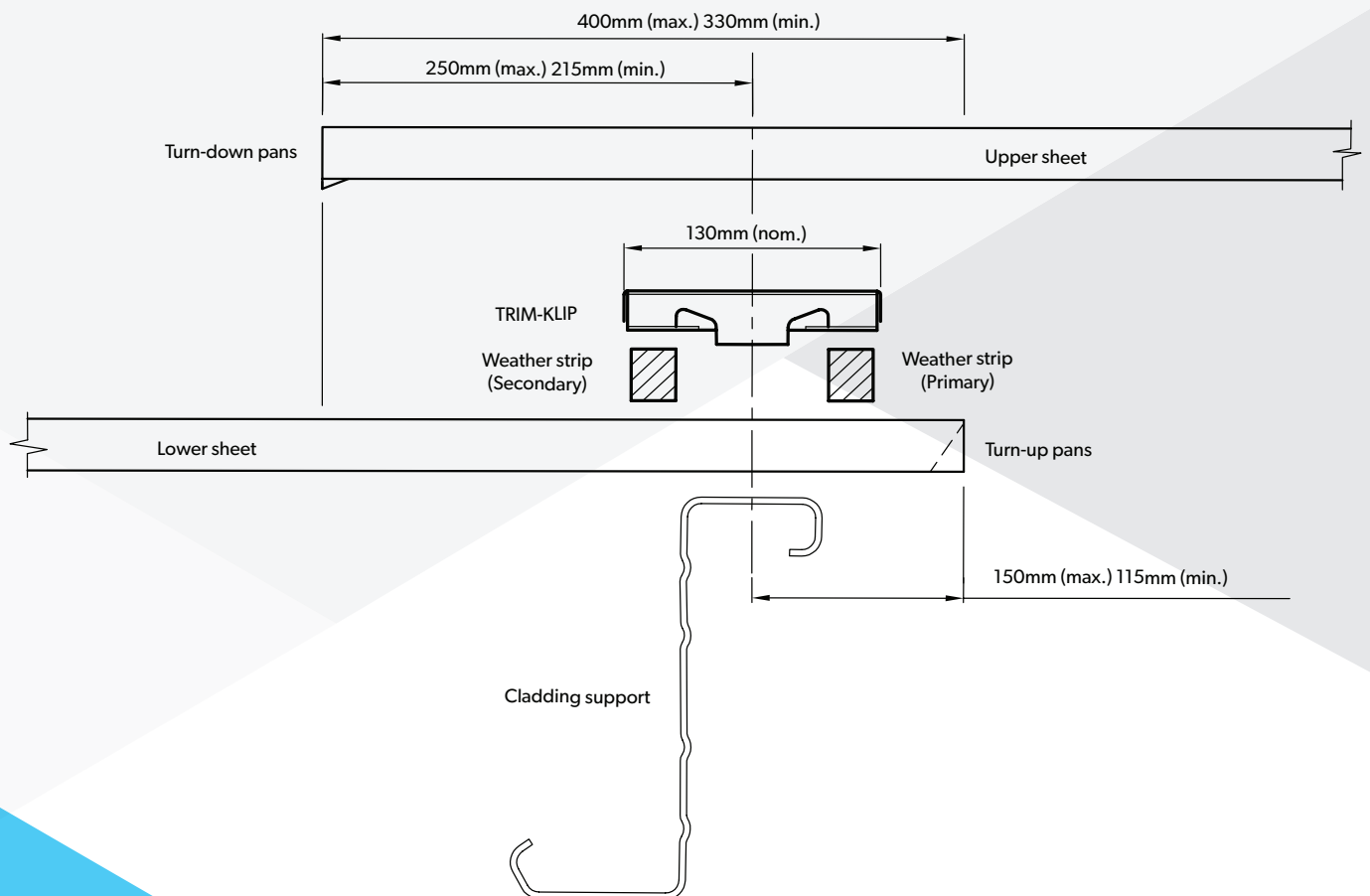
Figure 1

Layout details of TRIM-KLIP® system at support.

RIB TURN-DOWN

The rib crests of the upper sheets, at the TRIM-KLIP® end, must be turned down. The turn down must be conducted prior to laying the upper sheets using the traditional Turn-Down tool. Push the turn-down tool over the end of the rib, as far as it will go, then hold the tool hard against the end of the rib and pull the handle until the rib is turned to a near vertical position, resulting in a nominal 90 degrees lip (Figure 2). Be careful not to tear the sheet. For the female lap rib the turn down need only be nominal (not "near vertical") so that nesting of side-laps does not result in an uneven (saw-toothed) roof line. For safety reasons and aesthetics the corner of the female overlap lip should be cut off. Stitch the side-lap ribs at the end of the sheet to ensure a neat nesting at the lap

Figure 2

Turning-down ribs of the upper sheet at the TRIM-KLIP® end joint.

FASTENERS

The lower portion of the bracket is secured in-place by the standard cyclonic roofing screws (without a cyclonic washer assembly) through the pre-formed hole and through the roofing rib to the support underneath. The upper roofing sheet is placed so that the ribs sit upon the upper portion of the TRIM-KLIP® bracket. The upper sheet is then fixed to the upper portion of the TRIM-KLIP® bracket using two standard walling screws. Refer to Table 1 for fastener requirements.

Table 1

Fasteners for TRIM-KLIP® Installation.

Bracket portion	No. per bracket	Fastener specification
Lower	1	#14-10x50 Metal Teks, HH
Upper	2	#10-16x16 Metal Teks, HH

COMPONENT QUANTITY

The quantity of components required for a run of joint are given in Table 2.

Table 2

TRIM-KLIP® Assembly Component Quality.

Components	Continuous run of lap joint (m)				
	10	25	50	75	100
TRIM-KLIP® bracket (1 per rib)	54	133	264	395	526
Weather strip - 2 rows	22	54	106	158	210
#14-10x50 fasteners (1 per bracket)	54	133	264	395	526
#10-16x16 fasteners (2 per bracket)	108	266	528	790	1052

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