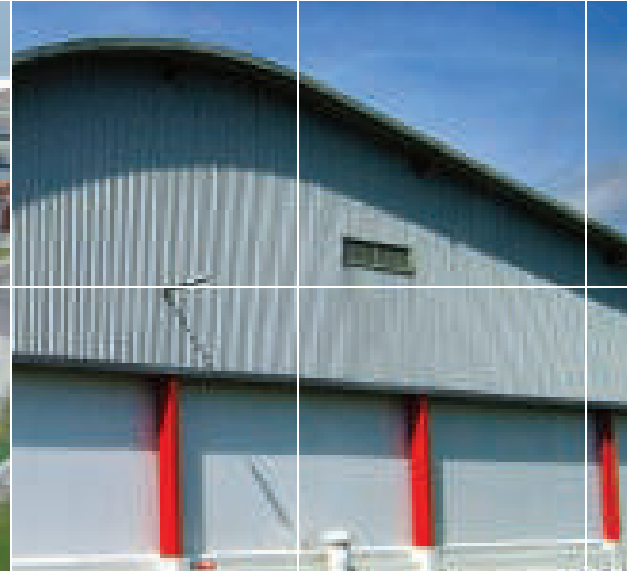


NS BLUESCOPE LYSAGHT MALAYSIA

LYSAGHT® HR-29™

Installation Guide



Structural Solutions



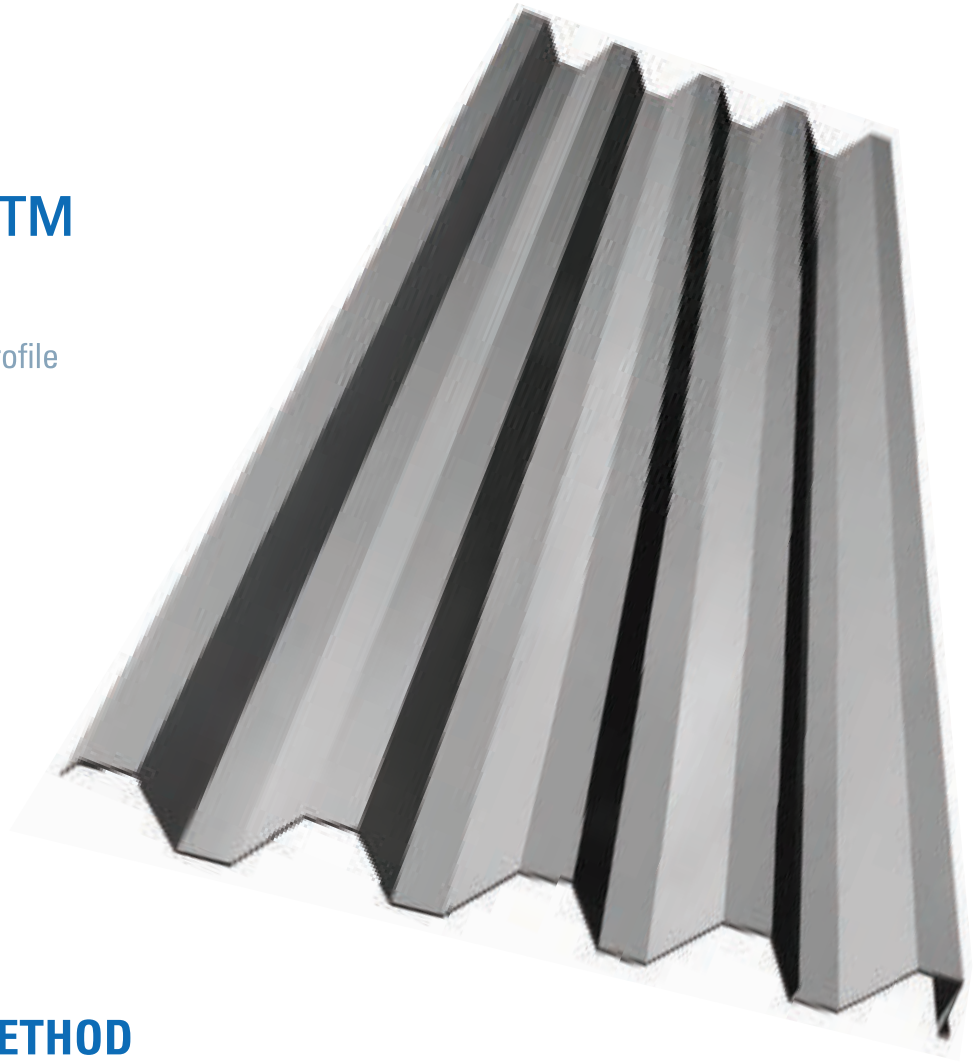
Roofing & Walling Solutions



House Framing Solutions

LYSAGHT® HR-29™

Steel Roofing & Walling Profile



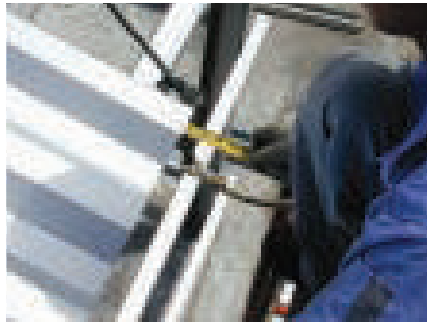
INSTALLATION METHOD

STEP 1



Locate the first roof sheet and make sure the female rib is close to the barge.

STEP 2



Check the end of roof sheet in relation to overhang for gutter.

STEP 3



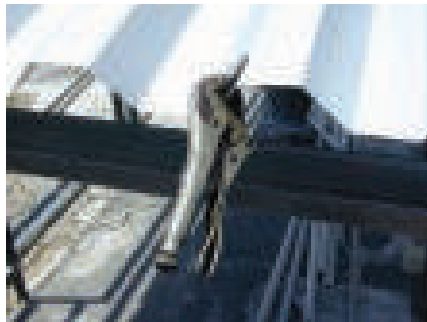
Fasten screws on each rib for single and end spans and every alternate rib for internal spans.

STEP 4



Place the second sheet with the female rib overlapping the male rib of the first sheet. The sheets are snugly nested at the lap.

STEP 5



Vice grips are clamped on two ends. Fasten screws on the lap of every rib.



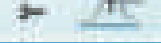
STEP 6



Make periodic check on alignment after every 10 sheets.

FASTENING METHODS AND RECOMMENDED FASTENERS

RECOMMENDED FASTENERS

Location	Type of Fixing	Details	Type of Fastener	Drilling Capacity	Maximum Attachment
Roof	Crest Fixing		12 - 14 X 55 HGS 12 - 14 X 68 HGS	6.5mm 6.5mm	Maximum 40mm Maximum 53mm
	Valley Fixing		12 - 14 X 20 HWFS 12 - 14 X 30 HWFS	6.5mm 6.5mm	<6mm <16mm
Wall	Side Lap Fixing		10 - 16 X 16 HWFS	4.5mm	1.2 - 4.5mm

* recommended fastener to conform to AS3566 Class 3

IDENTIFICATION OF FASTENER

The format of the number code is:

12

Screw gauge
(Thread
outside
diameter)

-


14

Thread pitch
(Thread per
inch)

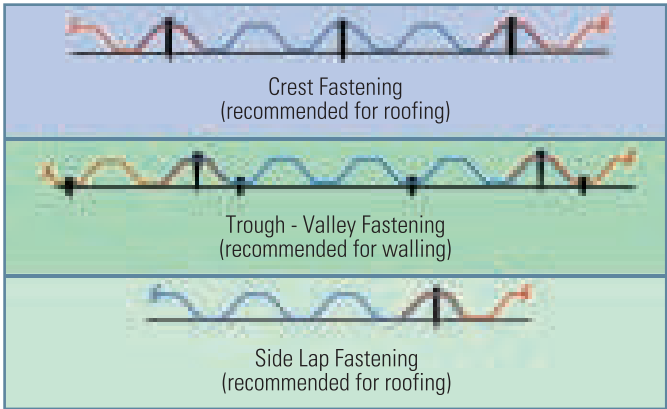
x

55

Overall length
of the screw
measured from
under the head
(mm)



FASTENER SPACING



Crest Fastening
(recommended for roofing)

Trough - Valley Fastening
(recommended for walling)

Side Lap Fastening
(recommended for roofing)



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