



**LYSAGHT**

# Product Information & Supply Conditions

**NS BlueScope Lysaght Indonesia**

**Version 19**


(this version supersedes all previous issues)

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 NSBLI Cibitung Office Façade

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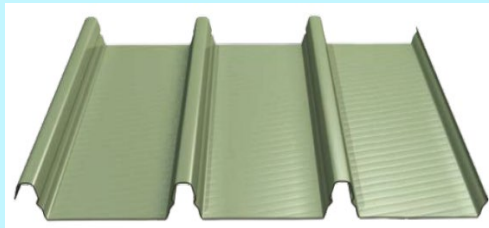
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# Roofing Products



# 1.1 LYSAGHT® KLIP-LOK® OPTIMA™



<b>Manufacturing Site</b>	Cibitung, Surabaya	
<b>Mobile Manufacturing</b>	On-ground Roll forming, Mobile Elevated Roll forming (MERF)	
<b>Standard Thickness</b>	0.45 mm BMT	
<b>Thickness Range (*)</b>	0.40 – 0.60 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	20000 mm (Cibitung) ; 17000 mm (Surabaya)

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	20 x 2	< 2.5	n/a	n/a	n/a	+ 100	1190	720	+ 100	1190	720
<b>Surabaya</b>	20	< 2.5	+ 0	1080	410	n/a	n/a	n/a	n/a	n/a	n/a

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 1.2 LYSAGHT® KLIP-LOK® 406



<b>Manufacturing Site</b>	Cibitung, Surabaya	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Cibitung, Surabaya), MERF (Cibitung)	
<b>Standard Thickness</b>	0.45 mm BMT	
<b>Thickness Range (*)</b>	0.40 – 0.60 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	17000 mm (Surabaya), 18500 mm (Cibitung)

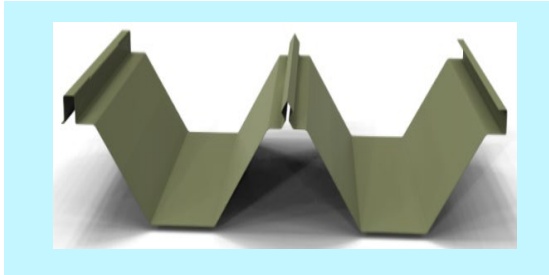
(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
Cibitung	40 x 2	< 2.5	n/a	n/a	n/a	+ 100	1050	640	+ 100	1050	680
	40	< 2.5	+ 0	1050	330	+ 100	1050	370	+ 100	1050	410
Surabaya	40	< 2.0	+ 0	1050	330	+ 100	1050	370	+ 100	1050	410

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 1.3 LYSAGHT® ULTRA-RIB®



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.60 mm BMT G300	
<b>Thickness Range (*)</b>	0.50 – 0.80 mm BMT G300 (special : 0.45 mm BMT G550 for straight product)	
<b>Length Range</b>	Min.	500 mm
	Max.	15000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
Cibitung	20 X 2	< 2.0	n/a	n/a	n/a	+ 100	950	430	+ 100	950	470
	20	< 2.5	+ 0	870	410	n/a	n/a	n/a	n/a	n/a	n/a

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 1.4 LYSAGHT® FLEX-LOK®



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Cibitung, Surabaya)	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1500 mm
	Max.	15000 mm

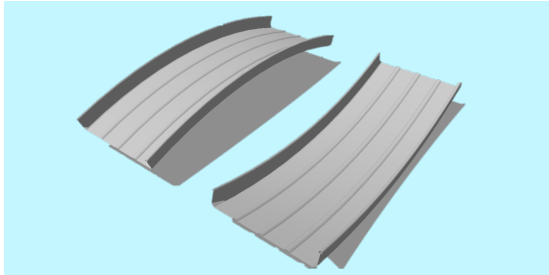
(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	20	< 2.5	+ 0	1100	380	+ 100	1120	420	+ 100	1120	460
<b>Surabaya</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 1.5 LYSAGHT® FLEX-LOK® SMOOTH CURVED






<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Cibitung, Surabaya)	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1500 mm
	Max.	15000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

(\*\*) : Minimum radius straight convex : 12000 mm, concave : 14000 mm

(\*\*\*) : Minimum radius tapered : 22000 mm

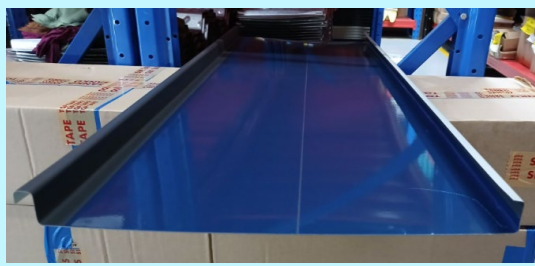
Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	20	< 2.5	+ 0	1100	< 1500	+ 100	1240	< 1500	+ 100	1240	< 1500
<b>Surabaya</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)



# 1.6 LYSAGHT® LOCKED SEAM®



<b>Manufacturing Site</b>	Cibitung (effective width : 330 mm)	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1000 mm
	Max.	12000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

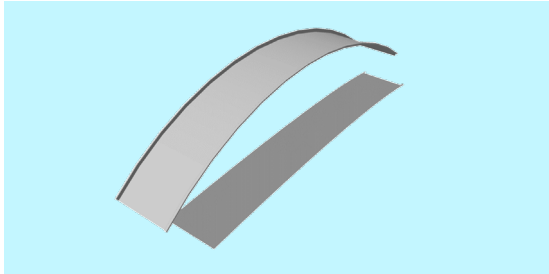
Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	Sheets (**)	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	80	< 2.5	+ 0	700 - 1000	500	+ 100	1120	600	+ 100	1120	640

(\*\*) : Material coated with plastic film on each sheet

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 1.7 LYSAGHT® LOCKED SEAM® SMOOTH CURVED



<b>Manufacturing Site</b>	Cibitung (effective width : 330 mm)	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1000 mm
	Max.	12000 mm




(\*) : special Terms & Conditions applied for non-standard thickness

(\*\*) : Minimum Radius Steel-Convex : 1500 mm

(\*\*\*) : Minimum Radius XAL-Convex : 600 mm

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	Sheets (**)	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	40	< 2.5	+ 0	700 - 1000	< 2300	+ 100	1200	< 1500	+ 100	1200	< 1500

(\*\*) : Material coated with plastic film on each sheet

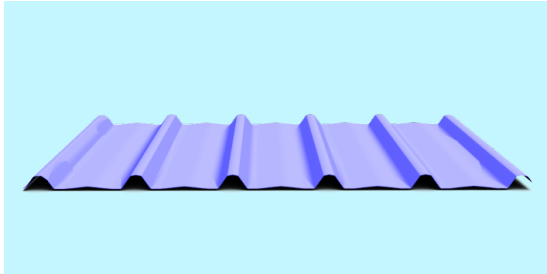
Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# Roofing Walling Products

# 2

## 2.1 LYSAGHT® TRIMDEK® OPTIMA™



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Cibitung, Surabaya), MERF (Surabaya)	
<b>Standard Thickness</b>	0.35 – 0.40 mm BMT	
<b>Thickness Range (*)</b>	0.30 – 0.45 mm BMT (Medan); 0.35 – 0.70 mm BMT (Cibitung, Surabaya)	
<b>Length Range</b>	Min.	500 mm
	Max.	12000 mm (Medan), 17000 mm (Surabaya, Cibitung)

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	100	< 2.5	+ 0	1080	100	+ 100	1220	200	+ 100	1220	240
<b>Surabaya</b>	200	< 2.0	+ 0	1080	200	+ 100	1220	300	+ 100	1220	340
<b>Medan</b>	150	< 2.5	+ 0	1080	150	+ 100	1220	250	+ 100	1220	290

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

## 2.2 LYSAGHT® TRIMDEK® OPTIMA™ CRIMP CURVED



<b>Manufacturing Site</b>	Cibitung, Medan (Convex & Concave(**)), Surabaya (Convex)	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.40 mm BMT	
<b>Thickness Range (*)</b>	0.30 – 0.45 mm BMT (Medan); 0.35 – 0.60 mm BMT (Cibitung, Surabaya)	
<b>Length Range</b>	Min.	1500 mm
	Max.	9000mm (Medan), 12000mm (Surabaya), 17000mm (Cibitung)

(\*) : special Terms & Conditions applied for non-standard thickness

(\*\*) : Minimum radius convex and concave : 600 mm

### Finish Product Packing Dimension

Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	Sheets (**)	tonnes	length	width	height	length	width	height	length	width	height
Cibitung Surabaya Medan	Follow radius profile order	< 2.5	Follow radius profile order	1080	2300 (max)	n/a	n/a	n/a	n/a	n/a	n/a
		< 2.5		1080	2300 (max)	n/a	n/a	n/a	n/a	n/a	n/a
		< 2.5		1080	2300 (max)	n/a	n/a	n/a	n/a	n/a	n/a

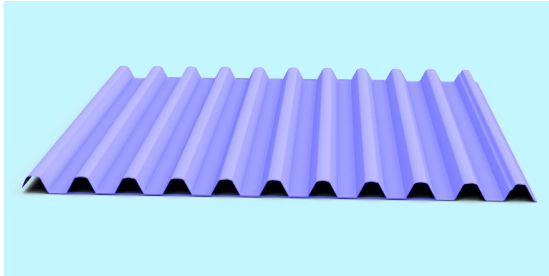
(\*\*) : Special Radius min 600mm-800mm Max qty: 20 sheets

### Illustration

standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 No image available	 No image available

NOTE: The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

## 2.3 LYSAGHT® SPANDEK® OPTIMA™



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Cibitung, Surabaya)	
<b>Standard Thickness</b>	0.35 – 0.40 mm BMT	
<b>Thickness Range (*)</b>	0.30–0.45mm BMT (Mdn); 0.35–0.70mm BMT (Cbt, Sby); 0.8mm BMT XAL (Sby)	
<b>Length Range</b>	Min.	500 mm
	Max.	12000 mm (Medan), 17000 mm (Surabaya, Cibitung)

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	100	< 2.5	+ 0	1000	100	+ 100	1140	200	+ 100	1140	240
<b>Surabaya</b>	200	< 2.0	+ 0	1000	200	+ 100	1140	300	+ 100	1140	340
<b>Medan</b>	150	<2.5	+ 0	1000	150	+ 100	1140	250	+ 100	1140	290

Illustration		
standard Packing (Road transport < 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)



## 2.4 LYSAGHT® SPANDEK® OPTIMA™ CRIMP CURVED



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan (Convex & Concave),	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.40 mm BMT	
<b>Thickness Range (*)</b>	0.30 – 0.45 mm BMT (Mdn); 0.35 – 0.60 mm BMT (Cbt, Sby)	
<b>Length Range</b>	Min.	1500 mm
	Max.	12000mm (Medan, Surabaya), 17000mm (Cibitung)

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
Cibitung Surabaya Medan	Follow radius profile order	< 2.5	Follow radius profile order	1000	2300 <small>(max)</small>	n/a	n/a	n/a	n/a	n/a	n/a
		< 2.5		1000	2300 <small>(max)</small>	n/a	n/a	n/a	n/a	n/a	n/a
		< 2.5		1000	2300 <small>(max)</small>	n/a	n/a	n/a	n/a	n/a	n/a

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

NOTE: The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

## 2.5 LYSAGHT® SELECT SEAM® III



<b>Manufacturing Site</b>	Cibitung (effective width : 300 mm)	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1000 mm
	Max.	12000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	Sheets (**)	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	80	< 2.5	+ 0	700 - 1000	500	+ 100	1120	600	+ 100	1120	640

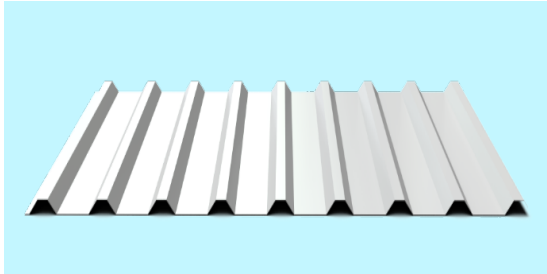
(\*\*) : Material coated with plastic film on each sheet

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)



## 2.6 LYSAGHT® TRATAS®



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.40 mm BMT	
<b>Thickness Range (*)</b>	0.25 – 0.45 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	12000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	150	< 2	+ 0	1160	150	+ 100	1260	250	+ 100	1260	250

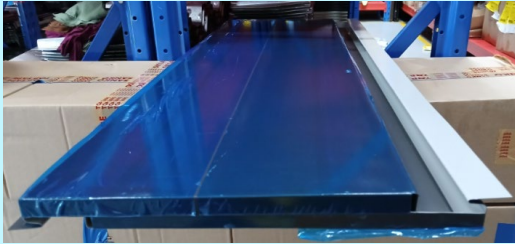
Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# Walling Products

# 3

# 3.1 LYSAGHT® PRESTIGE PANEL® II



<b>Manufacturing Site</b>	Cibitung (effective width : 295 mm)	
<b>Mobile Manufacturing</b>	On-ground Roll forming	
<b>Standard Thickness</b>	0.60 mm BMT (0.80 mm BMT XAL)	
<b>Thickness Range (*)</b>	0.55 – 0.80 mm BMT (0.80 – 1.20 mm BMT XAL)	
<b>Length Range</b>	Min.	1000 mm
	Max.	3000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

(\*\*) : There are 2 variants: There is a 20mm gap & No Gap (For no gap there must be a profile technical drawing)

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	Sheets (**)	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	80	< 2.5	+ 0	700 - 1000	500	+ 100	1120	600	+ 100	1120	640

(\*\*) : Material coated with plastic film on each sheet

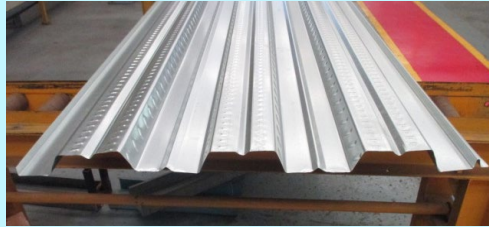
Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

NOTE: The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# Structural Products

# 4

# 4.1 LYSAGHT® SMARTDEK®



<b>Manufacturing Site</b>	Cibitung, Penajam (Kalimantan Timur)	
<b>Mobile Manufacturing</b>	On-ground Roll forming (Penajam)	
<b>Standard Thickness</b>	0.70 mm BMT	
<b>Thickness Range (*)</b>	0.60 – 1.20 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	14000 mm (Cibitung), 12000 mm (Penajam)

(\*) : special Terms & Conditions applied for non-standard thickness

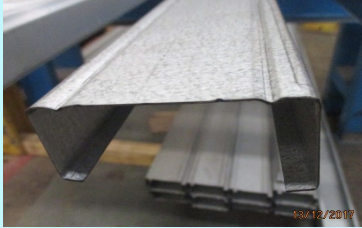
Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung (**)</b>	40	< 2.5	+ 0	1070	330	+ 100	1210	370	+ 100	1220	410
<b>Penajam</b>	40	< 2.0	+ 0	1070	330	n/a	n/a	n/a	n/a	n/a	n/a

(\*\*) : If No Emboss Minimum Order Quantity (MOQ) > 3 T

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
 <p>13/12/2017</p>		 <p>30/06/2010</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

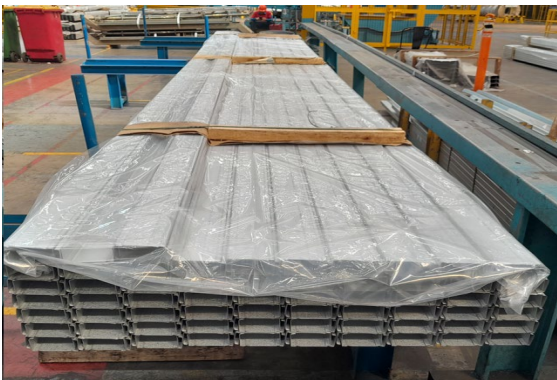


## 4.2 LYSAGHT® SMARTRUSS® C75.151



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.70 mm BMT	
<b>Thickness Range (*)</b>	0.60 – 0.75 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	6000 mm (Surabaya, Medan), 9000 mm (Cibitung)

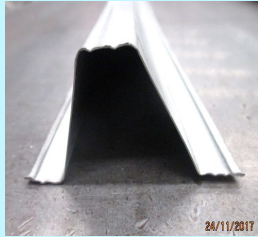
(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	200	< 2.0	+ 0	840	380	+ 100	980	480	+ 100	980	520
<b>Surabaya</b>	200	< 2.0	+ 0	840	380	+ 100	980	480	+ 100	980	520
<b>Medan</b>	200	< 2.0	+ 0	840	380	+ 100	980	480	+ 100	980	520

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

## 4.3 LYSAGHT® SMARTRUSS® TS35.45



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.45 mm BMT	
<b>Thickness Range (*)</b>	0.40 – 0.45 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	6100 mm

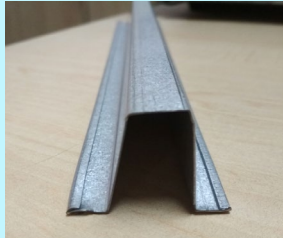
(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510
<b>Surabaya</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510
<b>Medan</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 4.4 LYSAGHT® SMARTRUSS® TS30.40



<b>Manufacturing Site</b>	Cibitung, Surabaya, Medan	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.40 mm BMT	
<b>Thickness Range (*)</b>	0.40 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	6000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510
<b>Surabaya</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510
<b>Medan</b>	240	< 2.0	+ 0	430	370	+ 100	570	470	+ 100	570	510

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	<p>No image available</p>	<p>No image available</p>

NOTE: The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)






# 4.5 LYSAGHT® TOPHAT 96



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.75 mm BMT	
<b>Thickness Range (*)</b>	0.75 – 1.00 mm BMT (1.20 mm BMT max length 3000 mm)	
<b>Length Range</b>	Min.	500 mm
	Max.	6000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
Cibitung	60	< 2	+ 0	620	240	+ 100	760	360	+ 100	760	360

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

## 4.6 LYSAGHT® TOPHAT 61



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.75 mm BMT	
<b>Thickness Range (*)</b>	0.75 – 1.00 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	6000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

### Finish Product Packing Dimension

Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	60 X 2	< 2	+ 0	600	240	+ 100	740	370	+ 100	740	410

### Illustration

standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)




# 4.7 LYSAGHT® TOPHAT 40



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	0.45 mm BMT	
<b>Thickness Range (*)</b>	0.40 – 0.45 mm BMT	
<b>Length Range</b>	Min.	500 mm
	Max.	6000 mm

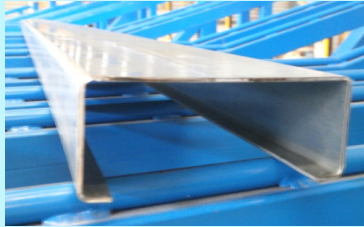
(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension											
Site	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
	sheets	tonnes	length	width	height	length	width	height	length	width	height
<b>Cibitung</b>	60 x 4	< 2	+ 0	460	210	+ 100	600	470	+ 100	600	510

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
	 <p>No image available</p>	 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 4.8 LYSAGHT® CEE PURLIN



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	1.2 mm – 3.0 mm BMT	
<b>Thickness Range (*)</b>	1.2 mm – 3.0 mm BMT	
<b>Length Range</b>	Min.	2000 mm
	Max.	14000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension												
Site	Type(**)	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
		sheets	tonnes	length	Width	height	length	width	height	length	width	height
Cibitung	C150	40	< 2	+ 0	690	370	+ 100	830	510	+ 100	830	510
	C200	30	< 2	+ 0	690	390	+ 100	830	530	+ 100	830	530
	C250	30	< 2	+ 0	690	430	+ 100	830	570	+ 100	830	570
	C300	16	< 2	+ 0	760	550	+ 100	900	690	+ 100	900	690
	C350	16	< 2	+ 0	760	550	+ 100	900	690	+ 100	900	690
	C400	16	< 2	+ 0	860	550	+ 100	1000	690	+ 100	1000	690

(\*\*) : For orders of 3.00 mm thick coil and above using the manual punching process

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		

NOTE: The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# 4.9 LYSAGHT® ZED PURLIN



<b>Manufacturing Site</b>	Cibitung	
<b>Mobile Manufacturing</b>	N/A	
<b>Standard Thickness</b>	1.2 mm – 3.0 mm BMT	
<b>Thickness Range (*)</b>	1.2 mm – 3.0 mm BMT	
<b>Length Range</b>	Min.	2000 mm
	Max.	14000 mm

(\*) : special Terms & Conditions applied for non-standard thickness

Finish Product Packing Dimension												
Site	Type (**)	Qty/pack		Standard Packing (mm)			Semi Packing (mm)			Full Packing (mm)		
		sheets	tonnes	length	width	height	length	width	height	length	width	height
Cibitung	Z150	20	< 2.0	+ 0	630	250	+ 100	780	400	+ 100	780	400
	Z200	20	< 2.0	+ 0	680	270	+ 100	830	420	+ 100	830	420
	Z250	20	< 2.0	+ 0	750	300	+ 100	900	450	+ 100	900	450
	Z300	20	< 2.0	+ 0	800	300	+ 100	950	450	+ 100	950	450
	Z350	20	< 2.0	+ 0	1050	360	+ 100	1200	510	+ 100	1200	510
	Z400	20	< 2.0	+ 0	1100	430	+ 100	1250	580	+ 100	1250	580

(\*\*) : For orders of 3.00 mm thick coil and above using the manual punching process

Illustration		
standard Packing (Road transport <= 150 km)	Semi Packing (Road transport > 150 km)	Full Packing (sea transport)
		 <p>No image available</p>

**NOTE:** The maximum stack height on top of the truck is equal to the truck head height (average truck head for trailers maximum 1.7 m)

# Miscellaneous

# 5

# 5.1 STANDARD SPECIFICATION



PROFILE	EFFECTIVE WIDTH (mm)	RIB DEPTH (mm)	STANDARD THICKNESS (mm BMT)	GRADE MATERIAL	APPLICATION	MINIMUM LENGTH (mm-inhouse)	MAXIMUM LENGTH (mm-inhouse)	Tolerance Length (mm)	Minimum Roof Slope (°)	CURVED	TAPPED
FLEX-LOK®	400	65	0.55; 0.80	G300;XAL	ROOFING	1500	16000	+ 10 ; 0	1.4°	SM	T
ULTRA-RIB®	650	110	0.60	G300	ROOFING	500	16000	+ 10 ; 0	2°	-	-
LOCKED SEAM®	330	25	0.55	G300;XAL	ROOFING	1000	12000	+ 10 ; 0	3°	SM	T
KLIP-LOK® 406	406	41	0.45	G550	ROOFING	500	18500	+ 10 ; 0	2°	SC	-
KLIP-LOK® OPTIMA™	980	43	0.45	G550	ROOFING	500	20000	+ 10 ; 0	2°	SC	-
SPANDEK® OPTIMA™	935	24	0.35; 0.40	G550	ROOFING; WALLING	500	17000	+ 10 ; 0	3°	SC; CC	-
	930	24	0.7	G550	ROOFING; WALLING	500	17000	+ 10 ; 0	3°	SC; CC	-
	930	24	0.8	XAL	ROOFING; WALLING	500	17000	+ 10 ; 0	3°	SC; CC	-
TRIMDEK® OPTIMA™	1015	29	0.35; 0.40	G550	ROOFING; WALLING	500	17000	+ 10 ; 0	3°	SC; CC	-
	1010	29	0.7	G550	ROOFING; WALLING	500	17000	+ 10 ; 0	3°	SC; CC	-
TRATAS®	1036	19	0.4	G550	ROOFING; WALLING	500	12000	+ 10 ; 0	3°	SC	-
SELECT SEAM® III	300	25	0.55	G300;XAL	ROOFING; WALLING	1000	12000	+ 10 ; 0	5°	-	-
PRESTIGE PANEL® II	295	25	0.55	G300;XAL	WALLING	1000	12000	+0; -5	-	-	-

SC:Spring Curve; CC:Crimp Curve; SM:Smooth Curve; T:Tapered

# 5.1 STANDARD SPECIFICATION (CONTINUED)



PROFILE		EFFECTIVE WIDTH (mm)	RIB DEPTH (mm)	STANDARD THICKNESS (mm BMT)	GRADE MATERIAL	APPLICATION	MINIMUM LENGTH (mm-inhouse)	MAXIMUM LENGTH (mm-inhouse)	Tolerance Length (mm)
Lysaght® Smartdek®		960	51	0.70	G550	Bondek; Decking	500	14000	-5 ; 0
Lysaght® Smartruss® C75.151		75	34-32	0.75	G550	Framing	500	9000	+ 10 ; 0
Lysaght® Smartruss® TS35			35	0.45	G550	Framing	500	6100	+ 10 ; 0
Lysaght® Smartruss® TS30			30	0.40	G550	Framing	500	6000	+ 10 ; 0
Lysaght® TopHat 96			96	1.00	G550	Framing	500	6000	+ 10 ; 0
Lysaght® TopHat 61			61	0.75	G550	Framing	500	6000	+ 10 ; 0
Lysaght® TopHat 40			40	0.45	G550	Framing	500	6000	+ 10 ; 0
Lysaght® Cee Purlin	C150	152	64	1.50	G450	Structure	2000	14000	-5 ; + 5
	C200	203	76	1.50	G450	Structure	2000	14000	-5 ; + 5
	C250	254	76	1.90	G450	Structure	2000	14000	-5 ; + 5
	C300	300	96	2.40	G450	Structure	2000	14000	-5 ; + 5
	C350	350	125	3.00	G450	Structure	2000	14000	-5 ; + 5
	C400	400	125	3.00	G450	Structure	2000	14000	-5 ; + 5
Lysaght® Zed Purlin	Z150	152	65-61	1.50	G550	Structure	2000	14000	-5 ; + 5
	Z200	203	79-74	1.50	G550	Structure	2000	14000	-5 ; + 5
	Z250	254	79-74	1.90	G550	Structure	2000	14000	-5 ; + 5
	Z300	300	100-93	2.40	G550	Structure	2000	14000	-5 ; + 5
	Z350	350	129-121	3.00	G550	Structure	2000	14000	-5 ; + 5
	Z400	400	129-121	3.00	G550	Structure	2000	14000	-5 ; + 5



# 5.2 MATRIX PRODUCT PROFILE WITH THE ACCESSORIES

## VERSION 1 – JAN 24



Specification Code	Product Name	Coating Type	Coating Mass	SCREW CLASS	SCREW TYPE	SCREW SIZE	CLIPS TYPE	MATERIAL TYPE	CLIPS COATING TYPE	CLIPS COATING MASS
L-0001	KLIPOK OPTIMA	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	KL98	STEEL	BARE	Min AZ100/Z275
L-0002	KLIPOK OPTIMA	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	KL98	STEEL	BARE	Min AZ100/Z275
L-0003	KLIPOK OPTIMA	COLORBOND	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	KL98	STEEL	BARE	Min AZ100/Z275
L-0004	KLIPOK OPTIMA	COLORBOND	AZ200	CLASS 3	HEX HEAD WITHOUT SEAL	12-14X20	KL98	STEEL	BARE	Min AZ200/Z350
L-0005	KLIPOK 406	BARE	AZ100	CLASS 3	WAFFER HEAD	10-24X20	KL65	STEEL	BARE	Min AZ100
L-0006	KLIPOK 406	BARE	AZ150	CLASS 3	WAFFER HEAD	10-24X20	KL65	STEEL	BARE	Min AZ100
L-0007	KLIPOK 406	COLORBOND	AZ150	CLASS 3	WAFFER HEAD	10-24X20	KL65	STEEL	BARE	Min AZ100
L-0008	KLIPOK 406	COLORBOND	AZ200	CLASS 3	WAFFER HEAD	10-24X20	KL65	STEEL	BARE	Min AZ200
L-0009	FLEXLOK	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X30	HALTER	ALUMINUM	NA	NA
L-0010	FLEXLOK	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X30	HALTER	ALUMINUM	NA	NA
L-0011	FLEXLOK	COLORBOND	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X30	HALTER	ALUMINUM	NA	NA
L-0012	FLEXLOK	COLORBOND	AZ200	CLASS 3	HEX HEAD WITHOUT SEAL	12-14X30	HALTER	ALUMINUM	NA	NA
L-0013	ULTRA RIB	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	ASSEMBLY CLIPS	STEEL	BARE	Min Z275
L-0014	ULTRA RIB	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	ASSEMBLY CLIPS	STEEL	BARE	Min Z275
L-0015	ULTRA RIB	COLORBOND	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	ASSEMBLY CLIPS	STEEL	BARE	Min Z275
L-0016	ULTRA RIB	COLORBOND	AZ200	CLASS 3	HEX HEAD WITHOUT SEAL	12-14X20	ASSEMBLY CLIPS	STEEL	BARE	Min Z350
L-0017	PRESTIGE PANEL	BARE	AZ100	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0018	PRESTIGE PANEL	BARE	AZ150	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0019	PRESTIGE PANEL	COLORBOND	AZ150	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0020	PRESTIGE PANEL	COLORBOND	AZ200	CLASS 3	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0021	LOCKED SEAM	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	Clip Type1,2,3,4	STEEL	BARE/TrueCore/Colorbond	AZ150
L-0022	LOCKED SEAM	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	Clip Type1,2,3,4	STEEL	BARE/TrueCore/Colorbond	AZ150
L-0023	LOCKED SEAM	COLORBOND	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20	Clip Type1,2,3,4	STEEL	BARE/TrueCore/Colorbond	AZ150
L-0024	LOCKED SEAM	COLORBOND	AZ200	CLASS 3	HEX HEAD WITHOUT SEAL	12-14X20	Clip Type1,2,3,4	STEEL	BARE/TrueCore/Colorbond	AZ200
L-0025	SELECT SEAM	BARE	AZ100	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0026	SELECT SEAM	BARE	AZ150	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0027	SELECT SEAM	COLORBOND	AZ150	CLASS 2	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0028	SELECT SEAM	COLORBOND	AZ200	CLASS 3	WAFFER HEAD	10-24X16	NA	NA	NA	NA
L-0029	SPANDEK OPTIMA	BARE	AZ100	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0030	SPANDEK OPTIMA	BARE	AZ150	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0031	SPANDEK OPTIMA	COLORBOND	AZ150	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0033	TRIMDEK OPTIMA	BARE	AZ100	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0034	TRIMDEK OPTIMA	BARE	AZ150	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0035	TRIMDEK OPTIMA	COLORBOND	AZ150	CLASS 3	HEX HEAD WITH SEAL AND HI-GRIP	12-14X45 & 12-14X20	NA	NA	NA	NA
L-0037	SMARTRUSS C75	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20 & 10-16X16	NA	NA	NA	NA
L-0038	SMARTRUSS C75	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20 & 10-16X16	NA	NA	NA	NA
L-0041	TOPSPAN T35	BARE	AZ100	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20 & 10-16X16	NA	NA	NA	NA
L-0042	TOPSPAN T35	BARE	AZ150	CLASS 2	HEX HEAD WITHOUT SEAL	12-14X20 & 10-16X16	NA	NA	NA	NA
L-0045	PURLIN	BARE	Z275	NA	NA	NA	NA	NA	NA	NA
L-0046	PURLIN	BARE	Z350	NA	NA	NA	NA	NA	NA	NA
L-0049	SMARTDEK	BARE	Z275	NA	NA	NA	NA	NA	NA	NA
L-0050	SMARTDEK	BARE	Z300	NA	NA	NA	NA	NA	NA	NA
L-0053	MAXIFLOR	BARE	Z220	NA	NA	NA	NA	NA	NA	NA
Note :								Released by :	QA/QC Department	
-Screw Length is a Minimum Length, longer than the listed screws depend on the need/installation condition										
-For timber rafter please use the TEKS17 screw type										
-For Colormatched Screw is a subject to be inquiry before placing order										

# 5.3 PRODUCT SAFETY DATA SHEET



PRODUCT SAFETY DATA SHEET

Version released on: Jan 2024

## ON-SITE SAFETY FOR EVERYONE

### PRACTICAL ADVICE ON USING STEEL

#### Footwear

Safety footwear is required to be worn while working in all sites. Fully enclosed footwear is required to be always worn by visitors whilst on site, in the yard and on green walkways.

#### Clothing

Employees and contractors working in the plant are to wear prescribed industrial high visibility clothing. Clothing must fully cover the legs and arms.

Employees coming to and from work that need to enter the manufacturing area for any reason must wear enclosed footwear, long trousers, or slacks, and sleeved shirt or top. High visibility vests must be worn by visitors in work areas.

#### Gloves & Armguards

Gloves and armguards must be worn at all times when handling product - this will include activities such as coil and sheet handling including samples and small pieces, strapping and the removal of strapping, and loading of finished products.

Employees should be encouraged to wear armguards whilst walking in areas with limited space and in the vicinity of sheet metal and coil products.

#### Hearing Protection

Hearing protection must be worn in sign-posted areas.

#### Sun Protection

Suitable protection against personal sun damage is always required.

Sunscreens containing semi-conducting metal oxides such as titanium dioxide (TiO<sub>2</sub>) and zinc oxide (ZnO) can accelerate the degradation of organic materials, including paint systems. Such sunscreens should be prevented from making contact with COLORBOND® steel.

#### Special Protective Equipment

Site management, in consultation with the safety professional and OH&S committee, shall determine any special protective equipment requirements to suit site processes and ensure compliance to the PPE Policy.



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PRACTICAL ADVICE  
ON USING STEEL

PRODUCT SAFETY DATA SHEET

Version released on: Jan 2024

## WORKING AT HEIGHTS

First you should try to bring the job to ground level so that there is no risk of falling.

### IF YOU CAN'T!

Put up a solid barrier or handrail so you can't fall.

### IF YOU CAN'T!

Use a platform to work from such as a scaffold or an elevated work platform (EWP).

### IF YOU CAN'T!

Use a fall RESTRAINT system such as a purposely designed fixed length lanyard for the job that will stop you reaching the edge (note: some restraint systems may have energy absorbers fitted).

### IF YOU CAN'T!

Use a fall ARREST system such as harness with personal lanyard or a retractable lanyard with an energy absorber that will arrest you should you fall, and you must have a fall rescue plan and be understood by all.

**IF YOU CAN'T! - DON'T DO THE JOB! - GO SEE YOUR SUPERVISOR!**

## MANUAL HANDLING

Safe manual handling of steel products and other materials not only applies on the building construction site. Be it at home or in the office we often encounter manual handling issues. So consider the following and the affect they will have before lifting.

### 1. What am I about to do?

- Lift, carry or lower?

### 2. What are the hazards?

- People around you?

- Heavy Load?

- Awkward Posture?

- Repetitive Action?



2

PRACTICAL ADVICE  
ON USING STEEL

# 5.3 PRODUCT SAFETY DATA SHEET (CONTINUED)

## PRODUCT SAFETY DATA SHEET

Version released on: Jan 2024

### 3. What can I do to make the job safe?

- Split the load?
- Use a trolley or crane?
- Avoid reaching and twisting?
- Get some Help?

### 4. How do I plan to lift?

- Check what I am about to move and where to.
- Remove obstacles.
- Look out for sharp edges and unstable loads.

### 5. Is my posture correct?

Check, breathe deeply, body weight evenly placed, knees not locked, back straight, shoulders relaxed, avoid jerking moves.

### 6. Now prepare to lift

Stand close to the object, grasp the object firmly, Lift with your legs not your back and keep the load close to your body.

### SERVICE CONDITIONS AND SUITABLE PRODUCTS

(Information under this heading is derived in part from Appendix C to AS/NZ 2728:2007. Acknowledgement and thanks to Standards Australia).

In the selection of an appropriate coated steel building product, it is important to assess the atmospheric conditions expected in the location of the intended building. This includes an assessment of both macro and micro-environmental conditions.

On-site factors require additional consideration because a mildly corrosive atmosphere can be converted into an aggressive environment by rain, dew or humid conditions, and can thus affect the choice of a particular category of painted metallic coated product.

Typical on-site factors or types or microclimates which may cause a breakdown of protective coatings include:

- Industry Pollution
- Contamination from agricultural fertilisers or insecticides
- Damp locations not dried out by sunlight
- Exposure to sea breezes



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## PRODUCT SAFETY DATA SHEET

Version released on: Jan 2024

- Alkaline or acidic fallout (e.g. fossil fuel combustion)
- Hot or cold surfaces
- Abrasion or impact
- Organic matter (leaves, etc)
- Unwashed Area. (refer below)

Prevailing winds which can transport contamination from one location to another also require consideration.

High levels of ultra-violet light and humidity have adverse effects on the performance of organic coatings and thus reduce their durability. Because of the effects of high humidity, the designer of a building should take special care to ensure that the effects of condensation are minimised.

It should also be borne in mind that bending or roll-forming operations will cause stressing and may cause cracking of paint films. In moderate exposure conditions, cracking does not adversely affect the expected life of a product.

However, in severe environments products designed for such environments should be specified with more generous bend radii in order to ensure the required service life is achieved.

### AREA UNWASHED BY RAIN

Particles of dust, salt and other grime settle on building cladding but are usually washed away by rain. However, some areas such as upper wall or upper garage door regions, under eaves, soffits, exterior ceilings, etc, remain unwashed because they are protected by overhangs (eaves, lintels).

ZINCALUME® steel and COLORBOND® steel in such areas should be regularly maintained by washing with a fresh water and mild detergent solution followed by rinsing with fresh water to remove grime which could otherwise generate early corrosion. In hard-to-reach areas a hosing would be considered as a minimum requirement.

Reference: LYH1365 - C1L3W1 - Lysaght Referee - 35th Edition Book



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# Thank you