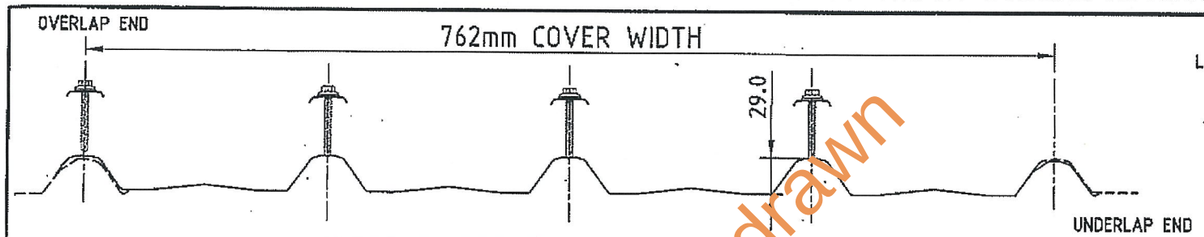
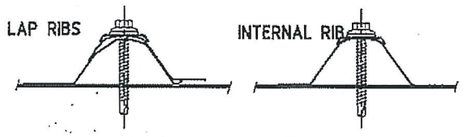
ACCEPTED FOR INCLUSION IN NT DEEMED TO COMPLY MANUAL BY THE NT BUILDING ADVISORY COMMITTEE



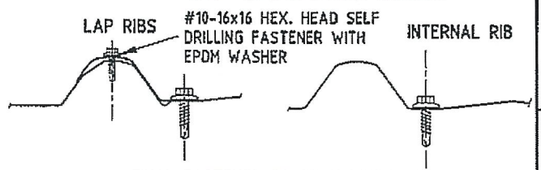
CREST FASTENED WITH CYCLONIC WASHERS

PAN FASTENED WITHOUT CYCLONIC WASHERS



FINAL FASTENER POSITION WHEN CREST FIXING WITH CYCLONIC WASHER

CYCLONIC WASHER: CLASS-4
G300 - 38 x 35 x 1.0mm 'BUILDEX'.



FINAL FASTENER POSITION WHEN PAN FIXING WITHOUT CYCLONIC WASHER

WALL DESIGN CAPACITY TABLES

TRIMDEK: 0.42 BMT – ULTIMATE LIMIT STATE PRESSURE (kPa)

SPAN mm	PAN FASTENED WITHOUT CYCLONIC WASHERS			CREST FASTENED WITH CYCLONIC WASHERS		
	SINGLE	END	INTERNAL	SINGLE	END	INTERNAL
600	10.80	5.94	7.43	10.80	10.80	10.80
900	7.45	4.31	5.49	7.98	7.23	8.02
1200	5.97	2.96	3.93	5.15	4.43	5.74
1500	0.96	1.91	2.53	2.14	2.40	3.93
1800	0.87	1.15	1.52	1.02	1.15	2.43
2100	0.77	0.68	1.49	0.77	0.68	1.49

TRIMDEK: 0.48 BMT – ULTIMATE LIMIT STATE PRESSURE (kPa)

SPAN mm	PAN FASTENED WITHOUT CYCLONIC WASHERS			CREST FASTENED WITH CYCLONIC WASHERS		
	SINGLE	END	INTERNAL	SINGLE	END	INTERNAL
600	10.80	6.21	10.80	10.80	10.80	10.80
900	6.84	4.74	7.68	7.88	7.65	8.61
1200	3.80	3.50	5.21	5.47	5.15	6.69
1500	3.06	2.48	4.34	3.56	3.29	5.05
1800	2.33	1.70	3.48	2.16	2.09	3.68
2100	1.59	1.14	2.62	1.25	1.85	2.58
2400	0.86	0.81	1.76	0.86	1.62	1.76

SCREW NOTATION CODE: HH DENOTED – HEX. HEAD
T17 " – TYPE 17
HG " – HIGH GRIP
TG " – TOP GRIP

MAXIMUM SPAN TABLES

BUILDING HEIGHT	TERRAIN CATEGORY	KI	pz (kPa)	STENED WITH WASHERS	
				END	INTERNAL
UP TO 5M	1 & 2	1	3.51	1460	1840
		1.5	4.36	1320	1650
		2	5.20	1190	1470
	2.5	1	3.01	1570	1980
		1.5	3.74	1420	1780
		2	4.46	1310	1620
	3 & 4	1	2.49	1700	2130
		1.5	3.09	1550	1960
		2	3.69	1430	1790
UP TO 10M	1 & 2	1	3.89	1400	1750
		1.5	4.83	1250	1540
		2	5.76	940	650	850	1030	1050	1190	1000	690	1130	1160	1120	1370
	2.5	1	3.51	1150	1070	1300	1290	1330	1560	1310	1190	1780	1510	1460	1840
		1.5	4.36	1070	880	1110	1170	1210	1410	1140	990	1490	1370	1320	1650
		2	5.20	990	730	950	1090	1110	1280	1060	800	1200	1240	1190	1470
	3 & 4	1	3.08	1180	1170	1410	1350	1390	1660	1490	1320	1930	1600	1550	1960
		1.5	3.82	1120	1000	1220	1240	1290	1500	1190	1120	1680	1450	1410	1760
		2	4.56	1050	850	1070	1150	1180	1380	1120	940	1420	1340	1290	1600

RECOMMENDED ROOFING FASTENERS

ONLY FASTENERS NOTED CAN BE USED IN THIS DTCM SHEET.

STEEL SUPPORTS – CLASS 4 : SELF DRILLING & SELF TAPPING HEX HEAD SCREW WITH EPDM SEAL

LOCATION ON CLADDING	SINGLE & LAPPED THICKNESS: 0.75mm UP TO 1.0mm bmt.	SINGLE THICKNESS: 1.0mm UP TO 3.0mm bmt.	LAPPED THICKNESS: 1.0mm UP TO 1.9mm bmt. (3.8mm TOTAL)
CREST	M6.5 - 12 x 55 CYCLONIC ZIPS #15 - 15 X 55 HH	#14 - 10 x 50 HH	#14 - 10 x 50 HH
PAN	#15 - 15 x 25 HH	#14 - 10 x 25 HH	#14 - 10 x 25 HH

TIMBER SUPPORTS – CLASS 4 : SELF DRILLING HEX HEAD SCREW WITH EPDM SEAL

LOCATION ON CLADDING	HARDWOOD (STRENGTH GROUP J1-J3)	SOFTWOOD (STRENGTH GROUP J4)
CREST	#12 - 11 x 65 T17 HG/TG HH	#14 - 10 x 65 T17 HH M6 -11 x 65 ROOFZIPS
PAN	#12 - 11 x 25 T17 HH	#14 - 10 x 39 T17 HH

Notes covering basis of DTCM sheet (Relevant test reports etc)

1. TRIMDEK 0.42 + 0.48 BMT CYCLONIC ROOF & WALL PRESSURE TESTS. PROJECT #501855. JUNE 2008. BLUESCOPE STEEL LYSAGHT No 7 FERNGROVE PLACE, CHESTER HILL 2162 NSW - AUSTRALIA.
2. STATIC & CYCLIC FATIGUE WITHDRAWAL CAPACITIES OF SELF DRILLING SCREWS IN TIMBER SUPPORTS. REPORT: 5.1.2-REPORT 05. DECEMBER 2010. BLUESCOPE LYSAGHT No 27 STERLING RD, MINCHINBURY 2770 NSW - AUSTRALIA.
3. CYCLIC PULLOUT CAPACITIES OF BUILDEX M6.5-12X55 CYCLONIC ZIP SCREWS. REPORT: 5.1.3 - REPORT 05. JUNE 2010. BLUESCOPE LYSAGHT No 27 STERLING RD, MINCHINBURY 2770 NSW - AUSTRALIA.
4. SCREW PULLOUT CAPACITIES TO BUILDING CODES OF AUSTRALIA'S LOW-HIGH-LOW CYCLONIC TEST REGIME. REPORT: 5.1.2 - REPORT 02. SEPTEMBER 2009. BLUESCOPE LYSAGHT No 27 STERLING RD, MINCHINBURY 2770 NSW - AUSTRALIA.

**Design Engineers Certification

Name: Kavitha Mysore
Registration Number: MIE AUST. 2089547
Date: 20/4/2011
Signature: M-Kavitha

*registered as a structural engineer in Australia

**Certifying Engineers Certification

Name: Alexander Filonov
NT Registration Number: 24332ES
Date: 20.04.2011
Signature:

*registered as a structural engineer in Northern Territory

Product Name
TRIMDEK - WALLING FOR CYCLONIC REGIONS

Product Description
0.42 & 0.48 BMT G550 AZ150 & COLORBOND
AS 1397: 2001 & AS/NZS 2728: 2007

Manufacturer's Name

BLUESCOPE LYSAGHT
BlueScope Steel Limited
A.B.N. 16 000 011 058
Trading as BlueScope Lysaght

Design Criteria

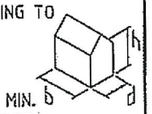
THE FOLLOWING CRITERIA FROM AS/NZS 1170.2:2002 HAVE BEEN USED TO GENERATE THE TABLES.

1. IMPORTANCE LEVEL 2 WITH RETURN PERIOD OF 500 YEARS
2. VR = 66 m/sec, Fc = 1.05
3. Ms = Mt = Md = 1.0
4. Cpe = -0.65; Cpi = +0.7
5. HEIGHT MULTIPLIERS FROM TABLE 4.1(B) - AS/NZS 1170.2: 2002

HEIGHT (m)	TERRAIN / HEIGHT MULTIPLIER (Mz,cat)		
	1 & 2	2.5	3 & 4
<=5	0.95	0.88	0.80
<=10	1.00	0.95	0.89

Limitations

1. THE DATA IN THIS SHEET SHALL BE APPLICABLE TO TRIMDEK WALLING ONLY. PROFILE DIMENSIONS OF TRIMDEK AS SUPPLIED FOR INSTALLATION SHALL COMPLY WITH TRIMDEK PRODUCT DRAWINGS AS DEVELOPED BY BLUESCOPE LYSAGHT.
2. WALL DESIGN CAPACITY TABLES & MAXIMUM SPAN TABLES HAVE BEEN DEVELOPED FOR TIMBER SUPPORTS & STEEL SUPPORTS 1.5mm BMT OR THICKER. REFER TO APPROPRIATE DTCM SHEET FOR MAXIMUM BATTEN SPACING IN A CASE WHEN STEEL SUPPORTS ARE LESS THAN 1.5 BMT.
3. INSTALLATION SHALL BE IN ACCORDANCE WITH LYSAGHT CYCLONIC AREA DESIGN MANUAL.
4. MAXIMUM SPAN TABLES ARE BASED ON THE FOLLOWING PARAMETERS: MAXIMUM ROOF HEIGHT= 10M
5. MAXIMUM OVERHANG SHALL BE DETAILED ACCORDING TO CURRENT LYSAGHT ROOFING AND WALLING INSTALLATION MANUAL.
6. Pz PRESSURE IN THE TABLES SHALL BE INCREASED ACCORDING TO AS/NZS 1170.2:2002 IN THE CASE OF:
   - ELEVATED BUILDING ALLOWING FOR AIR FLOW UNDER
   - h/b > 1 & h/d > 1.
7. INCREASE SCREW LENGTH OVER INSULATION TO MAINTAIN A MIN. OF 3 SCREW THREADS PROTRUDING FAR SIDE OF THE SUPPORT.
8. FOR STRENGTH GROUPS OF TIMBER, REFER TO AS 1720.2 : 2006
9. DESIGN TABLES ARE BASED ON TEST RESULTS IN ACCORDANCE TO BCA REQUIREMENTS FOR 'LHL' CYCLONIC TEST FOR METAL WALLS.
10. NO PREBORED HOLES PERMITTED.



Accepted for Inclusion

DTCM ref: M-247-01

Chairman's Signature:

Chairman's Name: P. RUSSELL

Date of Approval: 5/5/11 Expiry Date: ~~5/5/14~~

New Expiry. 5/5/16
Signature.