

NS BLUESCOPE LYSAGHT MALAYSIA

LYSAGHT® MULTICLAD™ OPTIMA™

Installation Guide



Structural Solutions



Roofing & Walling Solutions



Truss



LYSAGHT®

MULTICLAD™ OPTIMA™

Steel wall cladding with wider span



INSTALLATION METHOD

Fasteners without insulation			
	Fixing to steel up to 0.75mm BMT	Fixing to steel >0.75mm to 3mm BMT	Fixing to timber
Valley fixed	Type 17 screw with hex & washer head 10-12 x 20	Self Drilling Self Tapping screw with hex & washer-head 10-16 x 16	Type 17 screws hex & washer-head <i>Softwood:</i> 10-12 x 30 <i>Hardwood:</i> 10-12 x 20



Valley fix 5 fasteners adjacent to each rib

FASTENERS

Where insulation is to be installed, you need to increase the length of the screws given below, depending on the density and thickness of the insulation. When the screw is properly tightened:

- into metal: there should be at least three threads protruding past the support you are fixing to, but the Shankguard must not reach that support;
- into timber: the screw must penetrate the timber by the same amount that the recommended screw would do if there were no insulation.

METHOD STATEMENT AND GENERAL NOTES

METAL & TIMBER COMPATIBILITY

Lead, copper, free carbon, bare steel and green or some chemically-treated timber are not compatible with this product. Don't allow any contact of the product with those materials, or discharge of rainwater from them onto the product. Supporting members should be coated to avoid problems with underside condensation. If there are doubts about the compatibility of other products being used, ask for advice from our information line.

MAINTENANCE

Optimum product life will be achieved if all external walls are washed regularly.

Areas not cleaned by natural rainfall (such as the tops of walls sheltered by eaves) should be washed down every six months.

SAFETY, STORAGE AND HANDLING

LYSAGHT® product may be sharp and heavy.

It is recommended that heavy-duty cut resistant gloves and appropriate manual handling techniques or a lifting plan be used when handling material.

Keep the product dry and clear off the ground. If stacked or bundled product becomes wet, separate it, wipe it with a clean cloth to dry thoroughly.

Handle materials carefully to avoid damage: don't drag materials over rough surfaces or each other; don't drag tools over material; protect from swarf.

CUTTING

For cutting thin metal on site, we recommend a circular saw with a metal-cutting blade because it produces fewer damaging hot metal particles and leaves less resultant burr than a carborundum disc.

Cut materials over the ground and not over other materials.

Sweep all metallic swarf and other debris from roof areas and gutters at the end of each day and at the completion of the installation. Failure to do so can lead to surface staining when the metal particles rust.

SEALED JOINTS

For second joints use screws or rivets and neutral-cure silicone sealant branded as suitable for use with galvanised or ZINCALUME® steel.



Trusted Partner for Building Systems

NS BLUESCOPE LYSAGHT MALAYSIA SDN BHD

NO 6, PERSIARAN KEMAJUAN, SEKSYEN 16,
40200 SHAH ALAM,
SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 603-5520 6600 FAX: 603-5520 6601 / 02

NORTHERN

1-2-9, KRYSTAL POINT CORPORATE PARK,
JALAN TUN DR. AWANG,
LEBUH BUKIT KECIL 6,
11900 SUNGAI NIBONG,
PENANG, MALAYSIA.

TEL: 604-646 9553 / 6653 FAX: 604-646 6855

SOUTHERN

235, JALAN MURNI 11,
KAWASAN PERINDUSTRIAN MURNI,
81400 SENAI,
JOHOR, MALAYSIA.

TEL: 607-598 7600 FAX: 607-598 7604

NS BLUESCOPE LYSAGHT SABAH SDN BHD

LORONG KURMA OFF JALAN KOLOMBONG,
88450 KOTA KINABALU,
SABAH, MALAYSIA.

TEL: 6088-445 161 FAX: 6088-421 178

NS BLUESCOPE LYSAGHT (SARAWAK) SDN BHD KUCHING

LOT 610, SECTION 66, PENDING INDUSTRIAL AREA,
JALAN MERBAU, 93450 KUCHING,
SARAWAK, MALAYSIA.

TEL: 6082-333 621 FAX: 6082-483 486

BINTULU

LOT 974, BLOCK 26 KLD,
KIDURONG LIGHT INDUSTRIAL ESTATE,
97000 BINTULU, SARAWAK, MALAYSIA.

TEL: 6086-251 736 FAX: 6086-252 881

NS BLUESCOPE LYSAGHT SINGAPORE PTE LTD

(Formerly known as BlueScope Lysaght (Singapore) Pte Ltd.)

18 BENOI SECTOR,
JURONG TOWN,
SINGAPORE 629851

TEL: 65-6264 1577 FAX: 65-6265 0951

www.lysaght.com.sg

NS BLUESCOPE LYSAGHT (BRUNEI) SDN BHD

INDUSTRIAL COMPLEX,
BERIBI PHASE 1,
6KM, JALAN GADONG,
BANDAR SERI BEGAWAN BE 1118,
BRUNEI DARUSSALAM.

TEL: 673-244 7155 FAX: 673-244 7154

www.bluescopelysaght.com.bn

www.lysaght.com.my
mysupport@bluescope.com

For more information, please contact:

1700-81-8688

