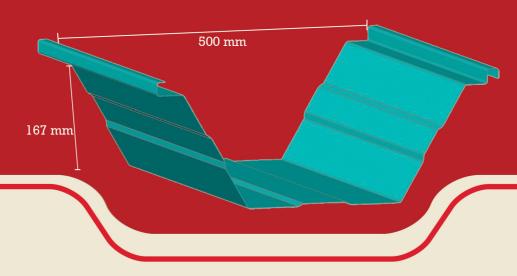


LCP LYCOR HI-RIB® – STANDING SEAM PROFILE



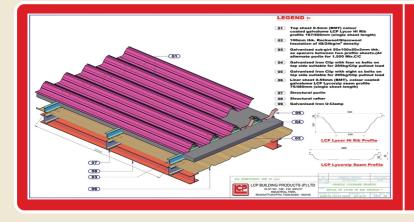
LCP LYCOR HI-RIB® - STANDING SEAM PROFILE SHEET

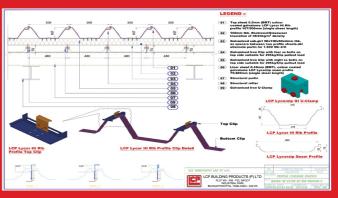
Salient features:

- LYCOR HI-RIB® is a mechanical 360° Standing Seam Profile with concealed clip fixing methodology.
- Roofing Panels installed with double-lock standing seam using concealed fix clips with no pierce fixing
 of the roof sheet.
- Single roofing sheet length from Ridge to Eaves with containerised on-site roll-forming capability ensuring sheet integrity and inherent weather tightness.
- Excellent rain water carrying capacity during the monsoon period.
- Longer span & reduces structural membrane weight.
- Robust Design: Depth of 167mm and supported on galvanized steel tight frames makes it most sturdy roof system to date. It can span up to 4mts. making roof structure more economical and lighter.
- Fitted on tight frame system has high stability against wind velocity and uplift pressure which is fixed on Purlin.
- Watertight: An exactitude engineered roofing system. A unique, special designed screw less roof with no end joints and side laps are seam locked, making it a total leak proof roof.
- High water shedding ability enabling virtually flat roof as low as 1° Slope.
- Handsome appearance and excellent anti-corrosion performance.
- Outstanding durability and is suitable for extreme weather conditions.
- Maintenance free.
- Will last virtually lifetime.
- Matching light panels of FRP / Polycarbonate available.
- Option of under deck insulation of resin bonded glass wool / mineral wool.
- Application: Factory Buildings, Warehouses, Institutional Buildings etc.



Profile drawing







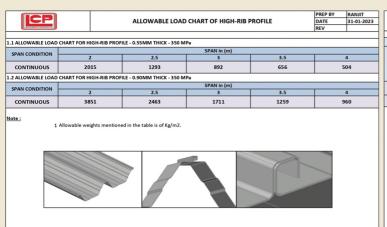
LCP LYCOR HI-RIB® – STANDING SEAM PROFILE SHEET

Trough Runner With Clip:

Lapping & Seaming Portion:







				PREP BY	RANJIT					
	<u> </u>						DATE	31-01-2023		
MANUSCOUNT FRANCISCOUNT ES				REV						
SECTION PROPERTIES (PER METRE WIDTH)										
BMT (mm)	Cross Sectional Area (mm²)	Ycg (mm)	Approximate Theoretical Weight (Kg/m²)	Gross Moment of Inertia of Profile, Ixx (mm ⁴)	Moment Check	Deflection Check	Moment Capacity (kNm)			
					Effective Moment of Inertia, lxx (mm ⁴)	lxx - Value for Deflection (mm ⁴)	Positive Moment capacity	Negative moment capacity		
0.55	846	73	7.00	4034924	2046365	2212478	7.6	9.9		
0.90	1389	73	11.23	6635854	3907616	4126500	14.5	18.8		
Note: 1 Ycg = Distance from the base of the rib to the Centroid of the profile 2 BMT = Base Metal thickness 3 Design capacity arrived based on IS801 & BS 5950										

Sectional Property (Reference)										
Sheet Thickness	Unit Weight	Moment Lx(Cm	of Inertia ^4/m)	Sectional Modulas Zx(Cm^3/m)						
(mm)	(Kg/M^2)	Positive Pressure	Negative Pressure	Positive Pressure	Negative Pressure					
0.6	6.82	341.9	201.5	33.5	22.1					
0.8	9.09	525.1	323.6	51.5	35.6					
1.0	11.36	628.9	445.7	61.7	49.1					

Reference Design Specification					
Sheet Thickness	0.6mm, 0.8mm & 1mm				
Raw material coil input width	774mm				
Effective/ Working width	500mm				
m² per required No of m	2				
Gradient	Possible 3/100 or more				
Bonding Radius nature	250 or more carving processing R=30M or more				



LCP BUILDING PRODUCTS PVT. LTD. (Co.No. U28112 TN2004 PTC053236) City Office & Sales: Old No. 6, New No. 14, 4th Floor, Viswanathapuram Main Road, Kodambakkam, Chennai - 600 024, Tamilnadu, India. Tel/Fax: +91-44-2989 2772

*Please refer to the color shade card for colors. Technical details available on request.

Registered Office & Factory: Plot No.F88-F92, SIPCOT Industrial Park, Irungattukottai - 602 105, Tamil Nadu, India. Tel: +91-44-27190747, 27156163, 27156158 Fax: +91-44-47193053. Website: www.lcpindia.com

LCP BUILDING PRODUCTS PTE. LTD.
CO. No.200009173C
6 Gul Circle, Singapore 629 562.
Tel: (65) 6865–1550/Fax: (65) 6861–4218
Email: Icp@Icp.sg/website: www.lcp.sg







IMPORTANT NOTE: The information published in this brochure is as far as possible accurate at the date of publication, however, prior to application in a particular situation LCP Building Products Pvt. Ltd. recommends that you obtain qualified expert advice confirming the suitability of product(s), in question for the application proposed. While LCP Building Products Pvt. Ltd. accepts its legal obligations, be aware however that to the extent permitted by law, LCP Building Products Pvt. Ltd. disclaims all liability (including liability for negligence) for all losses and damages resulting from the use of the information provided in this flyer. Photographs of the premises displayed in this flyer are not to be construed as an endorsement or recommendation by the owners of the premises to LCP and its products. LCP LYCORSEAM® Flyer 07/2018 LCP Building Products Pvt. Ltd. All rights reserved..