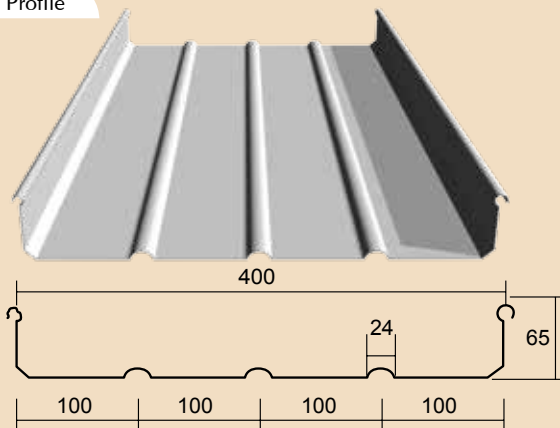




## FLEXLOK™

FLEXLOK™ system is a standing seam roofing system. The architectural profile comes with a nominal effective width of 400mm, standing seam height of 65mm and three stiffeners symmetrically spaced between ribs. FLEXLOK™ profile is concealed fixed and mechanically field seamed which assures dual benefits of increased weather durability and greater resistance to wind uplift. The profile is available in both steel and aluminum.

Profile



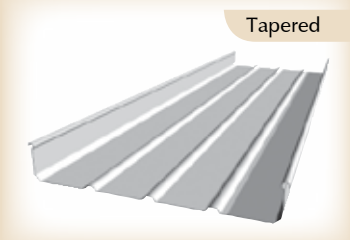
(above dimensions are mentioned in mm)

### Advantages

- Concealed fix system requires no piercing fasteners and helps provide weather tightness and superior resistance to wind uplift
- Available in tapered and curved shapes to meet the most challenging design conditions
- Can be roll-formed on site to achieve long length according to project requirements
- Specially engineered thermal pad slides neatly into base of the clip which can reduce or eliminate thermal bridging effects
- Suitable for roofs with low slopes
- Advanced concealed locking system provides excellent uplift resistance
- The profile is available in both steel and aluminum



Available profile shapes



FLEXLOK™ 400

|                                | ZINCALUME® steel       | COLORBOND® steel       |
|--------------------------------|------------------------|------------------------|
| Base Metal Thickness (BMT)     | 0.55 mm                | 0.55 mm                |
| Total Coated Thickness (TCT)   | 0.60 mm                | 0.60 mm                |
| Metallic Coating (Al-Zn)       | 150 g/m <sup>2</sup>   | 150 g/m <sup>2</sup>   |
| Grade                          | 300 MPa                | 300 MPa                |
| Mass                           | 6.51 Kg/m <sup>2</sup> | 6.60 Kg/m <sup>2</sup> |
| Minimum Recommended Roof Pitch | 2 degrees              |                        |
| Recommended Support Spacing    | 1.5 m                  |                        |

- The above data has been derived from the tests conducted at our research centre and reproduction of the same in any form is strictly prohibited
- Non-standard sizes and colours are also available on special request.

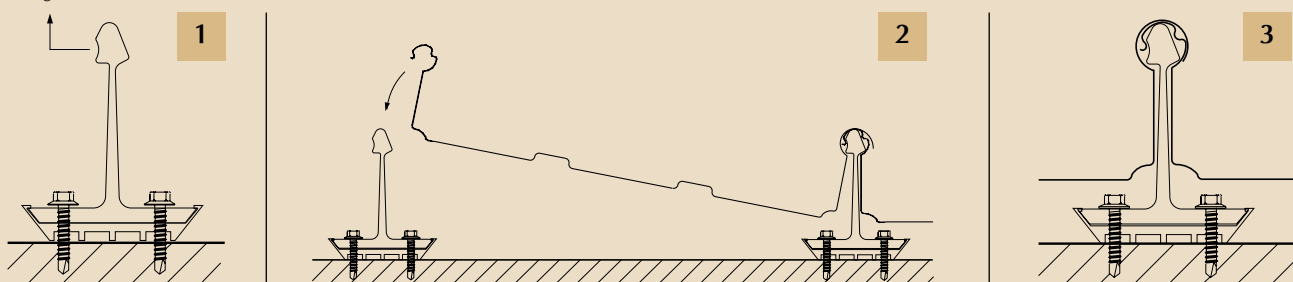
Installation Process for Clip

- Step 1:** FLEXLOK™ clips along with thermal pads are screwed into the purlins as per the correct direction
- Step 2:** The male and the female ribs on the clips are fixed by overlapping the female rib over the male rib of the previous sheet
- Step 3:** Final locking is done by using seamer machine on site



FLEXLOK™ Seamer

Fixing direction



For further technical assistance mail us at : [lysaght@tatabluescopesteel.com](mailto:lysaght@tatabluescopesteel.com)

For more information, please contact:

- North Region Gurgaon: Tel: +91 124 4712801
- East Region Kolkata: Tel: +91 33 40061945
- West Region Mumbai: Tel: +91 22 66743329
- South Region Chennai: Tel: +91 44 42693319

Note:  
 ©2015 Tata BlueScope Steel Limited. All rights reserved.  
 No part of this brochure may be reproduced or transmitted in any form or by any means, electronic or mechanical including photocopy, recording, or any information storage and retrieval system, without permission in writing from Tata BlueScope Steel Ltd.  
 All brand names mentioned in this brochure are registered trademarks of BlueScope Steel Limited under license to Tata BlueScope Steel Limited.



Tata BlueScope Steel Ltd.  
 CIN: U45209PN2005PLC020270  
 Regd. Office: The Metropolitan, 4th Floor,  
 Final Plot No. 27, Sr. No. 21, Wakdevadi, Shivaji Nagar,  
 Pune - 411005. INDIA. Tel: +91 20 6621 8000  
 Website: [www.tatabluescopesteel.com](http://www.tatabluescopesteel.com)  
 Email: [lysaght@tatabluescopesteel.com](mailto:lysaght@tatabluescopesteel.com)

