DECLARATION OF PERFORMANCE

ACCORDING TO ANNEX III CONSTRUCTION PRODUCTS REGULATIONS (305/2011/EU) & REGULATION (EU) NO. 574/2014

DOP NO: - AA5049-H12-(0.2 to0.5 )

01. Unique identification code of the product type: AA5059-H12-(0.2 to 0.5)
02. Intended Use/es: Internal & External Load Bearing Structural & Constructional work.

03. Manufacturer: Hindalco Industries Ltd
              Hirakud- FRP, HIRAKUD,
              Sambalpur – Odisha
              Pin- 768016
04. Authorised Representative : None
05. System/s of AVCP: System 2+

Notified body/ies:
TUV NORD systems GmbH and co. KG, D-22525 Hamburg. Kenn. Nr.0045
TUV NORD systems GmbH and co. KG, Notified body, Reg No. 0045 performed initial inspection of manufacturing plant under system 2+ and issued system of conformity of the factory production control.

06b. European Assessment document: Not Applicable
     European Technical Assessment: Not Applicable
     Technical Assessment Body: Not Applicable
     Notified Body/ies: Not Applicable
09. DECLARED PERFORMANCE/s:

<table>
<thead>
<tr>
<th>Mandated/Essential Characteristics</th>
<th>Performance</th>
<th>Notes, expression of performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolerances on dimension and shape</td>
<td>Flat Rolled Product</td>
<td>Pass</td>
</tr>
<tr>
<td>Elongation</td>
<td>Minimum 16% Elongation on 50mm GL</td>
<td>Pass</td>
</tr>
<tr>
<td>Ultimate tensile strength</td>
<td>220-270 MPa in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Yeild Strength (0.2% OFFSET), MPa</td>
<td>170 MPa Minimum in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Bendability</td>
<td>1 T In 180 Degree 1 T In 90 Degree</td>
<td>Pass</td>
</tr>
<tr>
<td>Weldability</td>
<td>NO Performance Determined as not applicable to our product</td>
<td>–</td>
</tr>
<tr>
<td>Fatigue Strength</td>
<td>NO Performance Determined as not applicable to our product</td>
<td>–</td>
</tr>
<tr>
<td>Dangerous (regulated) Substances</td>
<td>&lt; 50 PPM</td>
<td>–</td>
</tr>
<tr>
<td>Durability (against Corrosion)</td>
<td>NO Performance Determined as not applicable to our product</td>
<td>–</td>
</tr>
</tbody>
</table>

10. The performance of the product performance identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulations (EU) no 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:  

Authorized Representative

Sudarsan Dutta

Place Issued: - Hindalco Industries Ltd.  
Hirakud- FRP, Hirakud,  
Sambalpur – Odisha  
Pin- 768016

Head-Quality Assurance