DECLARATION OF PERFORMANCE

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

DOP NO: - AA5005-H24-(0.5 to 1.5)

01. Unique identification code of the product type: AA5005-H24-(0.5 to 1.5)

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.

6b. 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 4% Elongation on 50mm GL</td>
<td>Pass</td>
</tr>
<tr>
<td>Ultimate tensile strength</td>
<td>145-185 MPa in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Yeild Strength (0.2% OFFSET), MPa</td>
<td>110 MPa Minimum in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Bendability</td>
<td>1.5 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  

Head-Quality Assurance 

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