DECLARATION OF PERFORMANCE

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

DOP NO: - AA5052-H32-(3.0 to 4.80)

01. Unique identification code of the product type: AA5052-H32-(3.0 to 4.80)
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 10% Elongation on 50mm GL</td>
<td>Pass</td>
</tr>
<tr>
<td>Ultimate tensile strength</td>
<td>210-260 MPa in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Yeild Strength (0.2% OFFSET), MPa</td>
<td>130 MPa Minimum in Transverse direction</td>
<td>Pass</td>
</tr>
<tr>
<td>Bendability</td>
<td>1.5T 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