DEVELOPMENT OF PERFORMANCE
No. 0840-CPR-4210-340100-01

1. Unique identification code of the product-type:
   Blastfurnace cement EN 197-1 – CEM III/A 42,5 N

2. Type, batch or serial number or any other element allowing identification of the construction product as
   required under Article 11(4):
   See 1

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical
   specification, as foreseen by the manufacturer:
   Preparation of concrete, mortar, grout etc.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required
   under Article 11(5):
   Portlandzementwerk Wittekind Hugo Miebach Söhne KG, Hüchtchenweg 1, 59597 Erwitte

5. Where applicable, name and contact address of the authorised representative whose mandate covers the
   tasks specified in Article 12(2):
   Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product
   as set out in CPR, Annex V:
   System 1+

7. In case of the declaration of performance concerning a construction product covered by a harmonised
   standard:
   Notified product certification body „Forschungsinstitut der Zementindustrie GmbH“ (NB 0840) performed the
   determination of the product-type on the basis of type testing (including sampling), the initial inspection of
   the manufacturing plant and of factory production control, the continuous surveillance, assessment and
   evaluation of factory production control and the audit-testing of samples taken before placing the product on
   the market under system 1+ and issued the certificate of constancy of performance.

8. Declared performance

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common cements (subfamilies)</td>
<td>CEM III/A</td>
<td>EN 197-1:2011</td>
</tr>
<tr>
<td>constituents and composition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressive strength</td>
<td>42,5 N</td>
<td></td>
</tr>
<tr>
<td>(early and standard)</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>Setting time</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>Insoluble residue</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>Loss on ignition</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>Soundness</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>- Expansion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- SO₃ content</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>Chloride content</td>
<td>pass</td>
<td></td>
</tr>
</tbody>
</table>

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in
   point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified
   in point 4.

Signed for and on behalf of the manufacturer by:

Dr. Werner Cordes; Werksleitung, Prokurist: Qualitätswesen, Labor, Entwicklung

______ (name and function)  

Erwitte, 01.08.2013  

______ (place and date of issue)  

______ (signature)