

HAPAS Assessment and Certification for High Friction surfacing – Alternative Aggregate

The BBA have received an increasing number of requests from Certificate holders and aggregate suppliers to approve an 'alternative' to calcined bauxite for use in Type 1 approved systems. The BBA have consulted with their technical advisory committees – Specialist Group 1 (SG1) and the Highways Technical Advisory Committee (HiTAC) – regarding comparative performance assessment between calcined bauxite and the current proposed alternatives. It has been agreed that the Polished Stone Value (PSV) durability of the alternatives must be confirmed as equivalent to that of calcined bauxite.

In light of this feedback the following HAPAS assessment procedures have been agreed for a replacement⁽ⁱ⁾ alternative aggregate in an existing Certificate or new⁽ⁱⁱ⁾ assessment:

- 1 A 2-year performance trial on an appropriate classification Type 1, 2 or 3 site and additional simulative testing for wear in accordance with Sections 3.3, 3.4 and 3.5 of the Guideline document
 - 2 The BBA will issue an Assessment Report which will identify the performance of the product at the end of a 2-year period
 - 3 The BBA will offer Type 3 HAPAS Certification with a 5 to 10 year durability statement provided satisfactory performance has been achieved on the 2-year trial.
- (i) The percentage replacement should be identified at the time of enquiry. The BBA will seek advice from SG1 to agree the final test programme based on the percentage replaced.
- (ii) In addition to procedures 1–3 a full assessment must also be completed in accordance with the Guideline.