

15 December 2011

**Committee C09 on Concrete and Concrete Aggregates
Subcommittee C09.49 on Pervious Concrete**

Research Report C09-1041

**Interlaboratory Study to Establish Precision Statements for ASTM
C1747-11, Test Method For Determining Potential Resistance to
Degradation of Pervious Concrete by Impact and Abrasion**

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1. Introduction:

Interlaboratory Study 618 was conducted to establish a precision statement for C1747-11, Test Method For Determining Potential Resistance to Degradation of Pervious Concrete by Impact and Abrasion.

2. Test Method:

The Test Method used for this ILS is C1747-11. To obtain a copy of C1747, go to ASTM's website, www.astm.org, or contact ASTM Customer Service by phone at **610-832-9585** (8:30 a.m. - 4:30 p.m. Eastern U.S. Standard Time, Monday through Friday) or by email at service@astm.org.

3. Participating Laboratories:

The following laboratories participated in this interlaboratory study

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4. Description of Samples:

Each sample was prepared by the individual lab that then tested it's own samples.

5. Interlaboratory Study Instructions

Laboratory participants were emailed the test program instructions. For a copy of the instructions, please see Annex A.

6. Description of Equipment/Apparatus¹:

For information on the equipment/apparatus used by each laboratory, please see Annex B.

7. Data Report Forms:

Each laboratory was provided with a data report form for the collection of data. A copy of the data is provided in Annex C.

Please note: The laboratories have been randomly coded and cannot be identified herein.

8. Statistical Data Summary:

A summary of the statistics calculated from the data returned by the participating laboratories is provided in Annex D.

9. Precision and Bias Statement:

¹ The equipment listed was used to develop a precision statement for C1747-11. This listing is not an endorsement or certification by ASTM International.
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