

Certificate Of Analysis

Europe Deco Concrete Company Ltd
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Date : 17/02/2016
Subject : Taber Abrasion Resistance - ASTM D4060
Your Code : e-mail. 11/2/2016
Laboratory Number : 160399
Sampling : by Europe Deco Concrete Company Ltd
Period of Investigation : 11/02/2016 until 16/02/2016

Sample Data

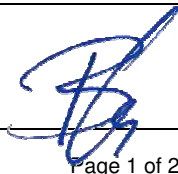
Sample No	Sample Type	Sample Code	Date of Acceptance
1	mortar panel	Control	11/02/2016
2	mortar panel	1DCE LSH + 2DCE Finish	11/02/2016

Methods

Analysis	Method	Q	s
Abrasion Resistance (Taber)	EN ISO 5470-1 / ASTM D4060		

Q = accredited by RvA, s = subcontracted, Qs = subcontractor accredited by RvA

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The results are only related to the investigated samples. The scope of the accreditation involves all results belonging to analyses marked with Q at the methods section.

The used significances of the results represent their uncertainty. Other performance characteristics are available upon request.

Results

Abrasion Resistance (Taber)

EN ISO 5470-1 / ASTM D4060

Test principle

The test surface has been cleaned, then the test piece is weighed and clamped into the apparatus. The grinding Wheels (H22) are also attached to the device.

The specimen will now run at 1000 cycles. After the 1000 cycles, the specimen is removed from the device, cleaned and weighed. The mass loss is a measure of the abrasion resistance.

Measuring the Abrasion Resistance by the Taber Abraser

Type of abrasive wheels : H-22
Load applied to the wheels (per arm) : 1000g
Number of cycles : 1000



Control

Sample	Weight before abrasion (mg)	Weight after 500 abrasion (mg)	Weight loss (mg)	Weight after 1000 abrasion (mg)	Weight loss (mg)
1-1	176619	175577	1042	174839	1780
1-2	168307	167556	751	167115	1192
1-3	178673	178043	630	177551	1122
average			808		1365

1DCE LSH + 2DCE Finish

Sample	Weight before abrasion (mg)	Weight after 500 abrasion (mg)	Weight loss (mg)	Weight after 1000 abrasion (mg)	Weight loss (mg)
2-1	170333	169819	514	169363	970
2-2	172629	172073	556	171679	950
2-3	167185	166689	496	166309	876
average			522		932