Report Date: May 7, 2020

Report #: 13686-07-05-2020

Client: POLLET S.A
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Samples:

Sample	Lab Code #
OCVT Tile Armstrong Excelon Feature 56790 (No polish)	NA

Tests: Coefficient of Static Friction

Applicable Standards

1) ASTM D2047 Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
2) ASTM D4103 Preparation of Substrate Surfaces for Coefficient of Friction Testing
3) ASTM D1436 Application of Emulsion Floor Polishes for Testing Purposes (Method B. Hand Applicator)
4) ASTM D6205: Standard Practice for Calibration of the James Static Coefficient of Friction Machine
5) ASTM E29: Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications

Summary of Method

ASTM D2047 covers the measurement of the static coefficient of friction of floor surfaces by the James Machine. A surface having a static coefficient of friction of 0.5 or greater as measured in accordance with this test is considered a slip-resistant surface. The substrate for testing polishes is prepared according to ASTM D4103 Method B. It involves the application of two coats of polish on three standard tiles and aging for 18-24 hours. The static coefficient of friction is the arithmetic average of twelve measurements obtained on three tiles.

Calibration

Before any measurements are determined for the test polish, the James Machine is calibrated versus a material with a known coefficient of friction (the Borco/standard leather system) in accordance with ASTM D6205. The arithmetic mean of the JSCOF readings with a given James Machine and standard reference surface (Borco/standard leather system) shall be 0.65, with a standard deviation of the mean of less than 0.03.

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Results:

Sample	Spread of Values	Average Result	Rounded Result*	Standard Deviation
ASTM D6205 Borco Board Calibration Standard	0.64 - 0.68	0.65		0.02
OCVT Tile Armstrong Excelon Feature 56790 (No polish)	0.67 - 0.74	0.71	0.7	0.02

**** NOTE: For the purposes of determining conformance of the test panels with these specifications, an observed value or calculated value shall be rounded off to "the nearest unit" in the last right-hand place of figures used in expressing the limiting value, in accordance with the rounding-off method of ASTM Recommended Practice E29, for indicating which places of figures are to be considered significant in specified limiting values.***

Conclusion:

Under the conditions of this test the average Static Coefficient of Friction of OCVT Tile Armstrong Excelon Feature 56790 (No polish) was observed to be 0.71

ACCREDITED

Cert # 4305.01

Tested by: Joe McCarthy, Lab Services Manager

Approved by: Jennifer Grant, President