

Ecam Ricert Innovation in research

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# data and information provided by the client / o expanded uncertainty U, coverage factor is = 2 (connedence level 95%), unless otherwise indicated / N.A. not applicable / \*\* test carried out by an external laboratory qualified according for 60 10 / This TEST REPORT only refers to samples tested and it can not be partially reproduced without written approval of the laboratory. / Of the sample storage time: samples are stored at the laboratory 30 days after the issue of the test report (with the exception of perishable products that are eliminated after the analysis or at maturity). / For storage over one month must be specifically requested. / Times of records preservation: the laboratory shall keep a copy of the test reports for a period of four years and a copy of the records of analysis for four years, except for special customer requirements; all documents relating to tests for approval of products are stored for 10 years.

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## **ANNEX TO ACCEPTANCE N° 15-7121, N° 16-907**

Name of the sample MARMORINO FLOOR CYCLE #

BERICALCE ITALLIA

Client VIA ODORICO DA PORDENONE, 18

36100 - VICENZA, VI

Location BERICALCE ITALIA - (VI)
Place of sampling

Samples nature HYDRAULIC BINDER

Sample made by CLIENT

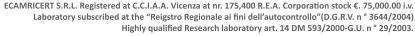
Acceptance number 15-7121 - 16-907

Object TECHNICAL REPORT WITH REVIEW

## **PHOTO OF SAMPLES**







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According to customer requirements, this technical report summarize the physical and mechanical properties of the product named "MARMORINO FLOOR" CYCLE, in relation to the analysis performed by the SRL ECAMRICERT laboratory. Being not available a technical standard specification for the product analyzed in function of its intended uses, it is taken to reference the currently applicable technical standards, that suit to the type of material and its end use. The table below summarize the results of the analysis carried out in relation to the use intended for the material named "MARMORINO FLOOR" CYCLE.

		PRODUCT "MARMORINO FLOOR" CY	CLE
CHARACTERISTIC ANALYSED	STANDARD REFERENCE	FINAL RESULT	INTENDED USE
Determin. of Durability - Resistance cycles of freezing and thawing	UNI EN 1344: 2013	The sample resists up to 50 cycles of freeze / thaw (From 20 ° C to - 15 ° C)	Intended use: outdoor Used in climatic zones not subject the action of freeze / thaw
Determination grip for direct traction	UNI EN 1542: 2000	Medium tension to grip $f_u = 0.5 \text{ N/mm}^2(1)$	Intended use: Wall coating The grip resistance value is in line with the value of mortar and lime-based plasters and cement
Determination of to the resistance penetration - Brinell	UNI EN 1534: 2011	HB = 5,8 N/mm <sup>2</sup> (2)	Intended use: flooring The obtained value of penetration resistance It is superior than conventional flooring Wood (parquet in any type of wood)
Determination of wear resistance for abrasion (Taber test)	UNI EN 13329: 2006	N° rpm reached = 600 (3)	Intended use: flooring Abrasion class reached (In reference to material thicknesses between 3-6 mm) AC2 - AC3 (Wear resistance from medium to high for everyday use)

- (1) NOTE: value determined on a product sample CYCLE "MARMORINO FLOOR" 3 mm of thickness applied to a support in tiles with cement primer
- (2) NOTES: value determined on a product sample CYCLE "MARMORINO FLOOR" 3 mm of thickness applied to a support in tiles with cement primer
- (3) NOTES: value determined on a product sample CYCLE "MARMORINO FLOOR" 1 mm of thickness.

Director of Building Materials Industry Dr. Geol.Francesco Bazzolo