



October 3, 2023

The Tile Shop
Attn: Wayne Druckenmiller
8515 Brown Street
Ottawa Lake, Michigan 49267

Dear Wayne Druckenmiller,

International Performance Assurance Laboratories has tested the samples you submitted. Test report IPAL-0499-23 is enclosed. If you have any questions or concerns, please contact us.

Best Regards,

INTERNATIONAL PERFORMANCE ASSURANCE LABORATORIES,

A handwritten signature in black ink, appearing to read 'D. J. M. McDowell', is written in a cursive style.

Damon McDowell
Laboratory Supervisor
Enclosures



IPAL TEST REPORT NUMBER: IPAL-0499-23 **PAGE:** 1 OF 3

TEST REQUESTED BY: The Tile Shop

TEST METHOD: ANSI A118.6 Specification for Standard Cement Grouts for Tile Installation

This specification describes the test methods and minimum requirements for standard cementitious grouts. Grouts meeting this specification may or may not contain polymers.

TEST SUBJECT MATERIAL: Identified by client as: “Pro-Grout Unsanded”

TEST DATE: 8/29/2023 - 9/29/2023

TEST PROCEDURE NOTES:

- Sample prep: The grout was mixed at a liquid to powder ratio of 26.07:100 parts by weight per the client’s instruction.
- All samples were set up and cured according to ANSI A118.6.

TEST RESULTS:

Test Designation	Test Description	Evaluation	ANSI A118.6 Specification	
			Sanded	Unsanded
4.3	Linear Shrinkage 27-Day	0.27%	< 0.20%	< 0.30%
4.4	Water Absorption 50% R.H. to Immersion	11%	< 10%	< 18%
4.5	Compressive Strength 1-Day 28-day	1896 psi 6455 psi	500 psi min. 3000 psi min.	500 psi min. 3000 psi min.
4.6	Tensile Strength 28-Day	522 psi	300 psi min.	250 psi min.
4.7	Flexural Strength 28-day	908 psi	500 psi min.	500 psi min.

COMMENTS: None



IPAL TEST REPORT NUMBER:

IPAL-0499-23

PAGE: 2 OF 3

IMAGE OF PRODUCT TESTED:





IPAL TEST REPORT NUMBER:

IPAL-0499-23

PAGE: 3 OF 3

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10/3/2023

Damon McDowell
Laboratory Supervisor

