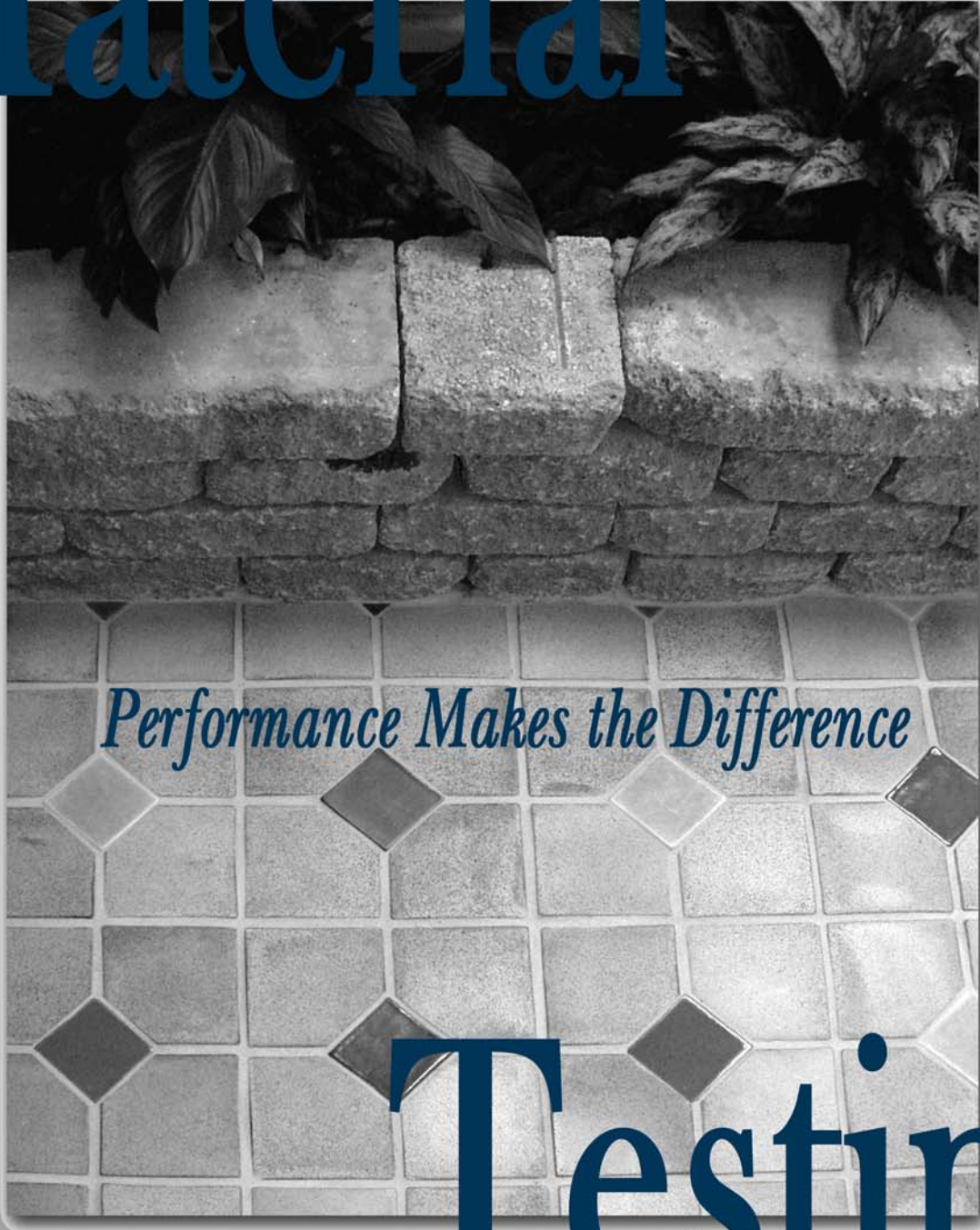


Material



Performance Makes the Difference

Testing

for Tile and Installation Materials

TCA 

Tile Council of America, Inc.

Product Performance Testing Laboratory

TCA Product Performance Testing Rates

As one of the nation's leading ceramic tile and installation materials testing facilities, the Tile Council of America, Inc. (TCA) offers confidential product and performance testing conducted in a state-of-the-art laboratory facility. Test results are provided in a confidential report to each customer. Our staff has extensive experience in all phases of ceramic tile and installation material testing. The lab also provides custom testing services. Visit <http://www.tileusa.com/laborderindex.htm> and print an order form.

Tile Tests			
ASTM#	Test	# of Tiles	Cost
C-370	Moisture Expansion	5	\$ 275
C-373	Water Absorption	5	\$ 175
C-424	Crazing Resistance	10	\$ 250
C-482	Bond Strength	5	\$ 230
C-484	Thermal Shock Resistance	10	\$ 200
C-485	Warpage	80	\$ 450
C-499	Facial & Thickness Dimensions	80	\$ 500
C-501	Taber Abraser	4	\$ 400
C-502	Wedging	80	\$ 450
C-627	Robinson Floor Test	16 sq. ft.	\$1,500
C-648	Breaking Strength	10	\$ 125
C-650+	Chemical Resistance	10	\$ 275
C-674	Modulus of Rupture	10	\$ 250
C-1026	Freeze-Thaw	10	\$ 700
C-1027	Surface-Abrasion	16	\$ 300
C-1028	Static Coefficient of Friction	3	\$ 275
C-1378	Staining Resistance	5	\$ 150
MOH's	Scratch Hardness	3	\$ 50

Installation Materials			
ANSI#	Tests	Materials	Cost
A118.1	Dry-set Portland Cement Mortar	50 lbs	\$1,150
A118.2	Conductive Dry-set Portland Cement Mortar	50 lbs	\$ 650
A118.3*	Chemical Resistance Epoxy Mortar/ Grout & Epoxy Adhesive	2 gal	\$ 775
A118.4	Latex Portland Cement Mortar	50 lbs	\$1,200
A118.5*	Chemical Resistance Furan Mortar/Grout	2 gal	\$1,200
A118.6	Standard Cement Grout	25 lbs.	\$ 850
A118.7	Polymer Modified Cement Grout	25 lbs.	\$ 850
A118.8	Modified Epoxy Emulsion Mortar/Grout	50 lbs	\$1,100
A118.10	Waterproof Membrane		
	a. Sheet Membrane	25 sq. ft.	\$1,250
	b. Liquid Applied Membrane	5 gal.	\$1,450
A118.11	EGP Mortar	50 lbs.	\$1,250
A136.1	Organic Adhesive	3 gal	\$ 750

International Standards for Ceramic Tile			
ISO#	Test	# of Tiles	Cost
10545-2	Dimensions	10	\$ 275
10545-3	Water Absorption		
	-Boiling Method	10	\$ 175
	-Vacuum Method	10	\$ 100
10545-4	M.O.R. & Breaking Strength	5	\$ 175
10545-6	Deep Abrasion Resistance	5	\$ 225
10545-7	Surface Abrasion Resistance	16	\$ 300
10545-8	Linear Thermal Expansion	2	\$ 165
10545-9	Thermal Shock Resistance	5	\$ 200
10545-10	Moisture Expansion	5	\$ 275
10545-11	Crazing Resistance	5	\$ 250
10545-13	Chemical Resistance	8	\$ 275
10545-14	Stain Resistance	5	\$ 150

Note: Prices do not include cost of additional materials required to perform tests.

* Chemical resistance testing is available at \$100 per chemical.
+ Additional chemicals available for \$100 per chemical plus cost of chemicals.

Prices subject to change without notice.
Effective February 1, 2003



Special Request Testing & Research Projects

To continue quality advancement in ceramic tile and installation materials, TCA conducts innovative and cooperative research. A 20 meter roller hearth kiln, 680 ton tile press,

and other laboratory equipment are available for research through our relationship with Clemson University.



Tile Council of America, Inc.

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