

TERRA GREEN CERAMICS PHYSICAL PROPERTIES

TERRA TRAFFIC

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.5.3 PAVER TILE (Unglazed)</u>	<u>TEST RESULTS</u>
ANSI 137.1.5.3.1.2.9	Coefficient of Friction	ASTM C1028	as agreed upon by mfg and purchaser	0.90 Dry/0.83 Wet
ANSI 137.1.5.3.1.3.1	Water Absorption	ASTM C373	≤ 5.0%	0.90%
ANSI 137.1.5.3.1.3.2	Bond Strength	ASTM C482	≥ 50 psi	272.5 psi
ANSI 137.1.5.3.1.3.3	Breaking Strength	ASTM C648	≥ 250 pounds-force	325 pounds-force
ANSI 137.1.5.3.1.3.4	Abrasive Hardness	ASTM C501	≥ 100 (abrasive hardness index for Porcelain Type Tile)	Passed
NONE	Chemical Resistance	ASTM C650	NONE	10% HCl - Unaffected 10% KOH - Unaffected
NONE	Frost Resistance	ASTM C1026	NONE	No deterioration of surface or body
NONE	Moh's Hardness	Moh's Scale	NONE	8

TERRA CLASSIC

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.6.4 GLAZED PAVER TILE</u>	<u>TEST RESULTS</u>
ANSI 137.1.6.4.1.2.10	Coefficient of Friction	ASTM C1028	as agreed upon by mfg and purchaser	0.88 Dry/0.44 Wet
ANSI 137.1.6.4.1.3.1	Water Absorption	ASTM C373	≤ 5.0%	1.67%
ANSI 137.1.6.4.1.3.4	Bond Strength	ASTM C482	≥ 50 psi	272.5 psi
ANSI 137.1.6.4.1.3.5	Breaking Strength	ASTM C648	≥ 250 pounds-force	340 pounds-force
ANSI 137.1.6.4.1.3.2	Crazing	ASTM C424	the tile shall show no evidence of crazing	Passed
NONE	Visible Abrasion Resistance	ASTM C1027	NONE	Class 5
NONE	Chemical Resistance	ASTM C650	NONE	10% HCl - Unaffected 10% KOH - Unaffected
NONE	Moh's Hardness	Moh's Scale	NONE	8

TERRA CRACKLE

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.6.1 GLAZED WALL TILE</u>	<u>TEST RESULTS</u>
NONE	Water Absorption	ASTM C373	NONE	1.67%
NONE	Bond Strength	ASTM C482	NONE	272.5 psi
NONE	Breaking Strength	ASTM C648	NONE	340 pounds-force
NONE	Moh's Hardness	Moh's Scale	NONE	6

TERRA ELEMENTS

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.6.4 GLAZED PAVER TILE</u>	<u>TEST RESULTS</u>
ANSI 137.1.6.4.1.2.10	Coefficient of Friction	ASTM C1028	as agreed upon by mfg and purchaser	0.80 Dry/0.60 Wet
ANSI 137.1.6.4.1.3.1	Water Absorption	ASTM C373	≤ 5.0%	1.67%
ANSI 137.1.6.4.1.3.4	Bond Strength	ASTM C482	≥ 50 psi	272.5 psi
ANSI 137.1.6.4.1.3.5	Breaking Strength	ASTM C648	≥ 250 pounds-force	340 pounds-force
ANSI 137.1.6.4.1.3.2	Crazing	ASTM C424	the tile shall show no evidence of crazing	Passed
NONE	Visible Abrasion Resistance	ASTM C1027	NONE	Class IV
NONE	Chemical Resistance	ASTM C650	NONE	10% HCl - Unaffected 10% KOH - Unaffected
NONE	Moh's Hardness	Moh's Scale	NONE	8

TERRA FUSION

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.6.4 GLAZED PAVER TILE</u>	<u>TEST RESULTS</u>
ANSI 137.1.6.4.1.2.10	Coefficient of Friction	ASTM C1028	as agreed upon by mfg and purchaser	0.80 Dry/0.60 Wet
ANSI 137.1.6.4.1.3.1	Water Absorption	ASTM C373	≤ 5.0%	1.67%
ANSI 137.1.6.4.1.3.4	Bond Strength	ASTM C482	≥ 50 psi	272.5 psi
ANSI 137.1.6.4.1.3.5	Breaking Strength	ASTM C648	≥ 250 pounds-force	340 pounds-force
ANSI 137.1.6.4.1.3.2	Crazing	ASTM C424	the tile shall show no evidence of crazing	Passed
NONE	Visible Abrasion Resistance	ASTM C1027	NONE	Class IV
NONE	Chemical Resistance	ASTM C650	NONE	10% HCl - Unaffected 10% KOH - Unaffected
NONE	Moh's Hardness	Moh's Scale	NONE	8

TERRA METALLICS

<u>ANSI SPECIFICATION</u>	<u>DESCRIPTION</u>	<u>TEST METHOD</u>	<u>ANSI 137.1.6.4 GLAZED PAVER TILE</u>	<u>TEST RESULTS</u>
ANSI 137.1.6.4.1.2.10	Coefficient of Friction	ASTM C1028	as agreed upon by mfg and purchaser	Gloss 0.60 Dry/0.45 Wet - Matte 0.90 Dry/0.85
ANSI 137.1.6.4.1.3.1	Water Absorption	ASTM C373	≤ 5.0%	1.67%
ANSI 137.1.6.4.1.3.4	Bond Strength	ASTM C482	≥ 50 psi	272.5 psi
ANSI 137.1.6.4.1.3.5	Breaking Strength	ASTM C648	≥ 250 pounds-force	310 pounds-force
ANSI 137.1.6.4.1.3.2	Crazing	ASTM C424	the tile shall show no evidence of crazing	Passed
NONE	Visible Abrasion Resistance	ASTM C1027	NONE	Class IV
NONE	Chemical Resistance	ASTM C650	NONE	10% HCl - Unaffected 10% KOH - Unaffected
NONE	Moh's Hardness	Moh's Scale	NONE	7