

# TECHNICAL SPECIFICATIONS

## Compressive Strength - ASTM-C170

Product	Antiqued Finish	Sandblasted Finish
Crema Eda®	13,453 psi	12,808 psi
Crema Eda® Rosa	12,675 psi	13,434 psi
Afyon Cloud®	10,968 psi	10,208 psi
Deep Blue®	12,082 psi	11,929 psi
Azura®	19,718 psi	14,683 psi
Orcca®	14,081 psi	18,682 psi
Terra Travertine	8,645 psi	N/A
Grano Travertine	7,891 psi	7,945 psi

## Flexural Strength - ASTM-C880

Product	Antiqued Finish	Sandblasted Finish
Crema Eda®	N/A	1,284 psi
Crema Eda® Rosa	N/A	1,466 psi
Afyon Cloud®	N/A	1,308 psi
Deep Blue®	N/A	1,878 psi
Azura®	N/A	1,472 psi
Orcca®	N/A	1,505 psi
Terra Travertine	1,878 psi	N/A
Grano Travertine	1,587 psi	N/A

## Co-Efficient of Friction - ASTM-C1028

Product	Antiqued Finish Dry	Antiqued Finish Wet
Crema Eda®	0.74	0.87
Crema Eda® Rosa	0.74	0.87
Afyon Cloud®	0.74	0.83
Deep Blue®	0.77	0.87
Azura®	0.78	0.85
Orcca®	0.79	0.89
Terra Travertine	0.7	0.89
Grano Travertine	0.76	0.92

## Co-Efficient of Friction - ASTM-C1028

Product	Sandblasted Finish Dry	Sandblasted Finish Wet
Crema Eda®	0.91	0.87
Crema Eda® Rosa	0.89	0.95
Afyon Cloud®	0.97	1.04
Deep Blue®	0.99	0.87
Azura®	0.98	0.99
Orcca®	0.99	1.05
Terra Travertine	N/A	N/A
Grano Travertine	1	0.96

### Freeze and Thaw - ASTM-C666

Product	Result	Notes
Crema Eda®	Pass	No cracks or deformations noted.
Crema Eda® Rosa	Pass	No cracks or deformations noted.
Afyon Cloud®	Pass	No cracks or deformations noted.
Deep Blue®	Pass	No cracks or deformations noted.
Azura®	Pass	No cracks or deformations noted.
Orcca®	Pass	No cracks or deformations noted.
Terra Travertine	Pass	No cracks or deformations noted.
Grano Travertine	Pass	No cracks or deformations noted.

### Water Absorption - ASTM-C97

Product	Antiqued Finish Water Absorption %	Sandblasted Finish Water Absorption %
Crema Eda®	0.17	0.19
Crema Eda® Rosa	0.17	0.16
Afyon Cloud®	0.17	0.16
Deep Blue®	0.17	0.18
Azura®	0.2	0.19
Orcca®	0.42	0.77
Terra Travertine	1.98	N/A
Grano Travertine	2.12	2.24

### Density - ASTM-C97

Product	Antiqued Finish Density	Sandblasted Finish Density
Crema Eda®	168.5 lbs/ft <sup>3</sup>	167.4 lbs/ft <sup>3</sup>
Crema Eda® Rosa	168.3 lbs/ft <sup>3</sup>	169.3 lbs/ft <sup>3</sup>
Afyon Cloud®	162.4 lbs/ft <sup>3</sup>	164.2 lbs/ft <sup>3</sup>
Deep Blue®	163.8 lbs/ft <sup>3</sup>	167.4 lbs/ft <sup>3</sup>
Azura®	175.5 lbs/ft <sup>3</sup>	177 lbs/ft <sup>3</sup>
Orcca®	175.9 lbs/ft <sup>3</sup>	175.3 lbs/ft <sup>3</sup>
Terra Travertine	153.1 lbs/ft <sup>3</sup>	N/A
Grano Travertine	154.7 lbs/ft <sup>3</sup>	152 lbs/ft <sup>3</sup>

### DISCLAIMER:

Marmiro Stones, Inc. has no control over the buyer's selection or use of any stone. Prior to using or permitting the use of our products, the buyer must determine the suitability of the products for the intended use and assumes all risk and liability whatsoever in connection therewith. The buyer must also determine the slip resistance suitability and maintainability as Marmiro Stones, Inc. is not responsible for any losses or damages sustained by the buyer, or any other person, as a result of improper installation or misapplication of our products. Please refer to the ASTM standards for more specific information concerning stone or paver specifications. Marmiro Stones, Inc. and its agents and employees are held harmless against any loss, damage, claim, suit, liability, judgement, or expense arising out of, or in connection with, any injury, damage, or loss to any property, or violation of any applicable laws or regulations resulting from, or in connection with, the sale, transportation, installation, or use of our products by the buyer. Original documents for technical specifications can be provided upon request.