

# Serena - Technical information

Collection performance based on industry standards.

## Technical Information

|                                                                                   |                     |                                     |                                       |                                                                      |                                                          |
|-----------------------------------------------------------------------------------|---------------------|-------------------------------------|---------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------|
|  | WATER ABSORPTION    | ANSI / ISO - (%)                    | < 0.1%                                |                                                                      |                                                          |
|  | ABRASION RESISTANCE | ANSI / ISO                          | HONED <140mm³                         | ORGANIC MATTE <120mm³                                                | VINTAGE <120mm³                                          |
|  | BREAKING STRENGTH   | ANSI - (lbf)<br>ISO - (N)           | 6 mm ≥310<br>≥1500                    | 9 mm ≥570<br>≥2600                                                   | 20 mm PAVER ≥2925<br>≥13000                              |
|  | SHADE VARIATION     |                                     | V2                                    |                                                                      |                                                          |
|  | SLIP RESISTANCE     | ANSI<br>DCOF (WET)<br>ISO - R VALUE | HONED >0.50<br>DRY (ID)<br>HONED R(-) | ORGANIC MATTE ≥0.60<br>(ID, IW, IW+, EW*, O/G*)<br>ORGANIC MATTE R10 | VINTAGE ≥0.75<br>(ID, IW, IW+, EW*, O/G*)<br>VINTAGE R10 |
|  | CHEMICAL RESISTANCE | ANSI / ISO                          | HONED<br>CLASS A / MIN. CLASS B       | ORGANIC MATTE<br>CLASS A                                             | VINTAGE<br>CLASS A                                       |
|  | STAIN RESISTANCE    | ANSI / ISO                          | HONED<br>CLASS A / CLASS 4            | ORGANIC MATTE<br>CLASS A / CLASS 5                                   | VINTAGE<br>CLASS A / CLASS 5                             |
|  | FROST RESISTANCE    | ANSI / ISO                          | PASS                                  |                                                                      |                                                          |

Test values are based on ANSI / ISO standards according to: ANSI A137.1 - Impervious (Porcelain) P1 Class, ISO 13006 - G - BI<sub>u</sub> Group, En 14411 - G - BI<sub>u</sub> Group. Variances in test values can occur in different production lots.

# Usage recommendation

Anatolia’s recommendations for suitable applications.

| Usage Recommendations* |                          | HONED |       | ORGANIC MATTE |                           | VINTAGE |                           | VINTAGE<br>PAVER |                           |
|------------------------|--------------------------|-------|-------|---------------|---------------------------|---------|---------------------------|------------------|---------------------------|
| APPLICATION            |                          | WALL  | FLOOR | WALL          | FLOOR                     | WALL    | FLOOR                     | WALL             | FLOOR                     |
| INTERIOR               | RESIDENTIAL              | •     | ID    | •             | ID, IW, IW+,<br>EW*, O/G* | •       | ID, IW, IW+,<br>EW*, O/G* |                  | ID, IW, IW+,<br>EW*, O/G* |
|                        | COMMERCIAL               | •     | ID    | •             | ID, IW, IW+,<br>EW*, O/G* | •       | ID, IW, IW+,<br>EW*, O/G* |                  | ID, IW, IW+,<br>EW*, O/G* |
|                        | HEAVY COMMERCIAL         | •     |       | •             |                           | •       |                           | •                | ID, IW, IW+,<br>EW*, O/G* |
| EXTERIOR               | RESIDENTIAL / COMMERCIAL | •     |       | •             | ID, IW, IW+,<br>EW*, O/G* | •       | ID, IW, IW+,<br>EW*, O/G* | •                | ID, IW, IW+,<br>EW*, O/G* |

\* These are Anatolia recommendations for suitable applications. They are not defined by ANSI / ISO Standards.  
DCOF Classifications per ANSI A326.3: (ID): Interior, Dry (IW): Interior, Wet (IW+): Interior, Wet Plus (EW): Exterior, Wet (O/G): Oils/Greases