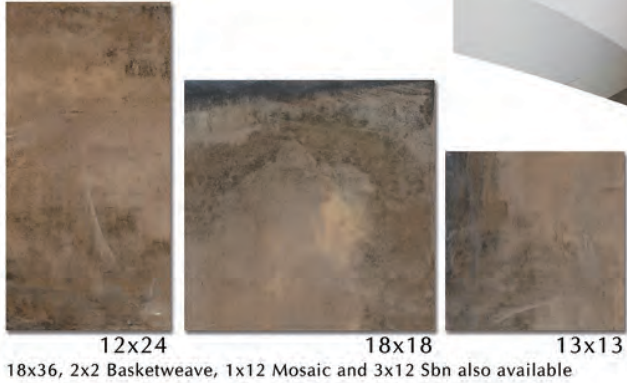
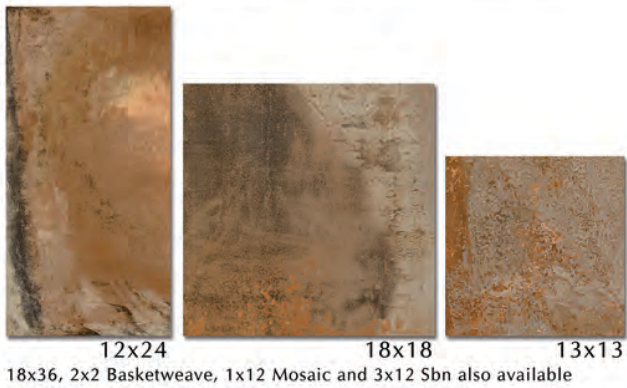


# MAGMA

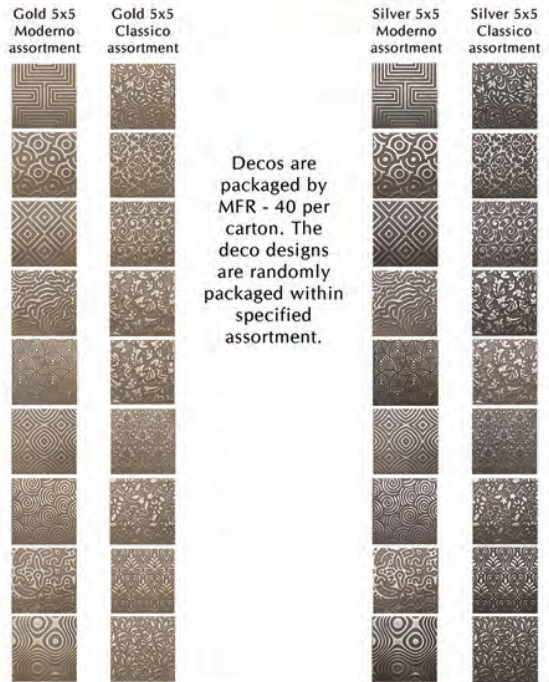
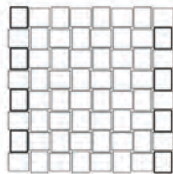
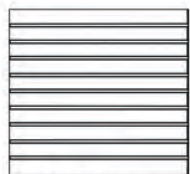
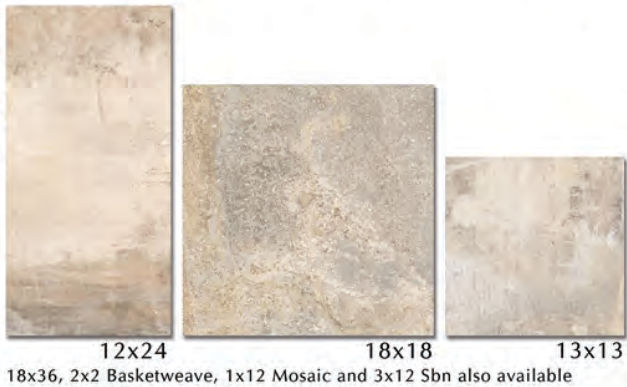
CHARCOAL



COPPER



SAND



|                          | VALUE  | STANDARD                  |
|--------------------------|--|---------------------------|
| Abrasion resistance      | Beige PEI 4<br>Copper PEI 4<br>Charcoal PEI 3                            | GLAZED ISO 10545-7        |
| Water absorption         | Eb ≤ 0.3   | ISO 10545-3               |
| Breaking strength        | 12x24: ≥ 1500 N<br>13x13: ≥ 1500 N<br>18x18: ≥ 1500 N<br>18x36: ≥ 2500 N | ISO 10545-4               |
| Scratch hardness         | 8 Mohs   | EN 101                    |
| Chemical resistance      | GA   | ISO 10545-13              |
| Stain resistance         | A/S  | ISO 10545-14              |
| Resistance to frost      | resistant-no alternation<br>with 100 cycles                              | ISO 10545-12              |
| Thermal shock resistance | resistant  | ISO 10545-9               |
| Crazing resistance       | resistant  | ISO 10545-11              |
| Color shade variation    | V2   | CTDA                      |
| Coefficients of friction | Wet DCOF: 0.60-0.65<br>Dry DCOF: 0.63-0.68                               | ANSI / NSF<br>8137.1-2012 |

| Tile Applications: |             |                  |            |
|--------------------|-------------|------------------|------------|
| Usage              | Residential | Light Commercial | Commercial |
| Floors             | •           | •                | •          |
| Walls              | •           | •                | •          |
| Countertops        | •           | •                | •          |

Variations in shade and color and sometimes texture, are inherent in all tile products such as porcelain, glass and ceramic. This variation can be present from piece to piece within any production run. Prior to any installation, several loose tiles should be arranged and approved by the customer.