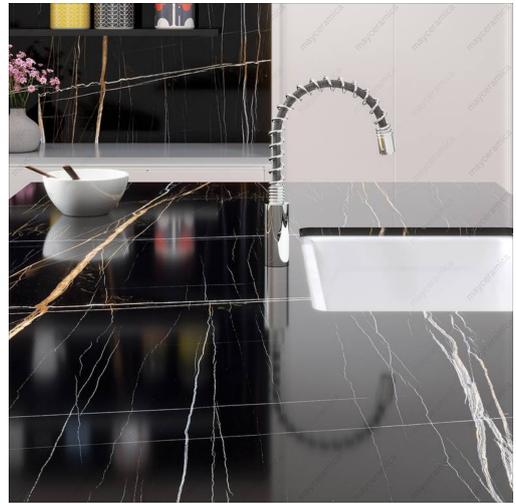


**Black Beauty - 120x240cm 09mm - mayceramica.com**



|                  |                |
|------------------|----------------|
| <b>Color</b>     | Black          |
| <b>Size</b>      | 120x240cm 09mm |
| <b>Material</b>  | Porcelain      |
| <b>Finishing</b> | High Glossy    |



**CHARACTERISTIC**
**STANDARD AS PER ISO-13006/EN14411 GROUP BIA**
**MAYYAS VALUE**
**TEST METHOD**
**REGULATORY PROPERTIES**

|                              |             |           |               |
|------------------------------|-------------|-----------|---------------|
| Deviation in Length & Width: | ± 0.5 %     | ± 0.2 %   | ISO- 10545-2  |
| Deviation in Thickness:      | ± 5.0 %     | ± 0.5 %   | ISO- 10545-2  |
| Straightness in side:        | ± 0.5 %     | ± 0.2 %   | ISO- 10545-2  |
| Rectangularity:              | ± 0.5 %     | ± 0.2 %   | ISO- 10545-2  |
| Surface flatness:            | ± 0.5 %     | ± 0.2 %   | ISO- 10545-2  |
| Color difference:            | Unaltered   | No change | ISO- 10545-16 |
| Glossiness:                  | As per mfg. | Min 90 %  | GLOSSOMETER   |

**STRUCTURAL PROPERTIES**

|                   |            |             |              |
|-------------------|------------|-------------|--------------|
| Water absorption: | < 0.50%    | < 0.05 %    | ISO- 10545-3 |
| Apparent density: | > 2.0 g/cc | > 2.10 g/cc | DIN 51082    |

**MASSIVE MECHANICAL PROPERTIES**

|                     |                           |                           |              |
|---------------------|---------------------------|---------------------------|--------------|
| Modulus of rupture: | Min. 35 N/mm <sup>2</sup> | Min. 40 N/mm <sup>2</sup> | ISO- 10545-4 |
| Breaking strength:  | Min. 1300 N               | Min. 2000 N               | ISO- 10545-4 |
| Impact resistance:  | As per mfg.               | Min. 0.55                 | ISO- 10545-5 |

**SURFACE MECHANICAL PROPERTIES**

|                              |             |              |              |
|------------------------------|-------------|--------------|--------------|
| Surface abrasion resistance: | As per mfg. | Min. Class 3 | ISO- 10545-7 |
| MOH's hardness:              | As per mfg. | Min. Class 4 | EN 101       |

**THERMO HYGROMETRIC PROPERTIES**

|                           |                            |                            |               |
|---------------------------|----------------------------|----------------------------|---------------|
| Frost resistance:         | No damage                  | No damage                  | ISO- 10545-12 |
| Thermal shock resistance: | No damage                  | No damage                  | ISO- 10545-9  |
| Moisture expansion:       | Nil                        | Nil                        | ISO- 10545-10 |
| Thermal expansion (COE):  | Max 9.0 x 10 <sup>-6</sup> | Max 6.5 x 10 <sup>-6</sup> | ISO- 10545-8  |
| Crazing resistance:       | As per mfg.                | Min. 10 cycle              | ISO- 10545-11 |

**CHEMICAL PROPERTIES**

|                      |           |           |               |
|----------------------|-----------|-----------|---------------|
| Chemical resistance: | No damage | No damage | ISO- 10545-13 |
| Stain resistance:    | Resistant | Resistant | ISO- 10545-14 |

**SAFTEY PROPERTIES**

|   |             |                        |               |
|---|-------------|------------------------|---------------|
| Slip resistance:                          | As per mfg. | > 0.40                 | ISO- 10545-17 |
| Fire resistance:                          | As per mfg. | Fireproof              | N. A          |
| Lead & Cadmium given off by glazed tiles: | As per mfg. | Does not yield Pb & Cd | ISO- 10545-15 |

**SIZE**
**THICKNESS**
**TILE / BOX**
**COVERAGE AREA / BOX**

|            |      |     |            |
|------------|------|-----|------------|
| 120X240cm: | 09mm | 1PC | 2.88 Sq. M |
|------------|------|-----|------------|