

## Material Characteristics



Commercial Name: Rosa Moncao  
 Stone Type: Pink, White / Granite  
 Place of Origin: Moncao / Portugal  
 Density (Kg/m3): 2640  
 Quarry: 42.04332353875162, -  
 8.546595405344217 / Monção,  
 Viana do Castelo



| Characteristics                                                           | Value                          | Test standard    |
|---------------------------------------------------------------------------|--------------------------------|------------------|
| Flexural Strength (MPa) LEV                                               | 14.80                          | BS EN 12372:2006 |
| Flexural Strength freeze / thaw resistance before and after (MPa) MEAN    | 14.8 / 15.0                    | BS EN 12371:2010 |
| Compressive Strength (MPa) LEV                                            | 167.00                         | BS EN 1926:2006  |
| Compressive Strength freeze / thaw resistance before and after (MPa) MEAN | 167 / 142                      | BS EN 12371:2010 |
| Slip Resistance                                                           | Unpolished: 89 (dry), 53 (wet) | BS EN 14231:2003 |
| Water Absorption (g/m2/s2)                                                | 0.70                           | BS EN 13755:2008 |
| Wide Wheel Abrasion (mm)                                                  | 17                             | BS EN 14157:2004 |
| Open Porosity (%)                                                         | x                              | BS EN 1936:2006  |
| PPV (Before/After Polishing)                                              | x                              | BS EN 7932:2003  |
| Light Reflectance Value (LRV) %                                           | x                              | BS EN 84369:2008 |



**Ethical  
Trading  
Initiative**



**Ethical  
Stone  
Register**



**Federation  
stone  
Great Britain**

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