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**Selection**

**Greko**

# Greko



Its unique aesthetic appeal and durability make it ideal for a variety of applications, from countertops and flooring to intricate decorative elements.



# Greko

The durability of dolomite marble ensures that the stunning appearance of Acquerello will endure over time, maintaining its allure and enhancing the value of any project it graces.







Whether used in countertops, flooring, wall cladding, or intricate decorative elements, Acquerello dolomite brings a sense of refinement and sophistication to any space.

# Bench





# Quarry



# PHYSICAL ANALYSIS

| Analysis Name                                                            | No           | Result        |
|--------------------------------------------------------------------------|--------------|---------------|
| Water Absorption Rate (%)                                                | TSE EN 13755 | 0,19          |
| Intensity (gr/cm <sup>3</sup> )                                          | TSE EN 1936  | 2,84          |
| Apparent Porosity (%)                                                    | TSE EN 1936  | 0,13          |
| Uniaxial Compressive Strength (Mpa)                                      | TSE EN 1926  | 69,8 - 89,6   |
| Knopp Hardness (Mpa)                                                     | TSE EN 14205 | 4 - 4,5       |
| Flexural strenght under constant moment (Mpa)                            | TSE EN 13161 | 11,3 + 2,9    |
| Flexural strenght under concentrated load (Mpa)                          | TS EN 12372  | 15,7 + 4,3    |
| Flexural strenght under constant moment after freeze-thaw (48 Cycle)     | TS EN 12371  | 12,6 + 4,0    |
| Frost resistance                                                         | TS EN 12372  | 19,7          |
| Flexural strenght under concentrated load after thermal shock (20 Cycle) | TS EN 12372  | 13,2 + 4,4    |
| Decreasing of weight after thermal shock                                 | TS EN 12372  | 0,021 + 4,4   |
| Changing of P-wave velocity after thermal shock                          | TS EN 12372  | 4,54 + 1,38   |
| Water vapour resistance factor(dry)                                      | TS EN 12524  | 10000         |
| Thermal conductivity                                                     | TS EN 12524  | 3,5           |
| Slip resistance (polished-dry)                                           | TS EN 14231  | 42,3 + 1,9    |
| Slip resistance (polished-wet)                                           | TS EN 14231  | 5,2 + 0,6     |
| Fullness ratio                                                           | TS EN 699    | 98,42         |
| Determination of water absorption coefficient by capillarity             | TS EN 1925   | 0,95 + 0,17   |
| Abrasion strength                                                        | TS EN 14157  | 14,40 + 0,22  |
| P-wave velocity                                                          | TS EN 14157  | 5889 + 365    |
| Flexural strenght under constant moment after freeze-thaw (48 Cycle)     | TS EN 12371  | 5889 + 365    |
| Decreasing of weight after freeze-thaw                                   | TS EN 12372  | 0,027 + 0,007 |

# CHEMICAL ANALYSIS

|                 |                 |
|-----------------|-----------------|
| CaO - 41,99     | P2O5 - <0,0015  |
| MgO - 25,54     | K2O - 0,01473   |
| Al2O3 - <0,0064 | Na2O - <0,03    |
| Fe2O3 - 0,02993 | TiO2 - <0,00922 |
| SiO2 - 0,0972   | LoI - 32,27     |



Dereli Maden's Acquerello, a premium white dolomite marble, is renowned for its striking beauty and exceptional quality.

This luxurious natural stone is characterized by its brilliant white background interlaced with bold, dramatic veining in shades of brown.

Sourced from Turkey's rich quarries, Acquerello marble embodies elegance and sophistication, making it a preferred choice for high-end architectural and interior design projects.



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