

Technical Specifications

Physical - mechanical Properties *by Greek Institute of Geological & Mineral Research*

- Apparent Density (DIN 52102 or ASTM C-97 or EN 1936) 2710 kg/m³
- Open Porosity (DIN 52102 or EN 1936) 0,3 % vol
- Water Absorption (DIN 52103 or ASTM C-97 or EN 13755) 0,1 % wt
- Dynamic Modulus of Elasticity (DIN 1048 Teil 5)
- Compressive Strength (DIN 52105 or ASTM C-170 or EN 1926) 66,8 MPa
- Flexural Strength - Modulus of Rupture (DIN 52112 or EN 12372)/(ASTM C-99) 9,5 MPa
- Compressive Strength after Frost Resistance Cycles (DIN 52104 & 52105 or EN 12371 & 1926) 66 MPa
- Abrasion Resistance (DIN 52108 or DIN 52108/20 cyclos) 3,38 mm
- Impact Strength - Rupture Energy (UNI-U 32.07.248.0) - (EN 14158) 4 Joule
- Mineralogical composition Calcite 98 % wt Quarzite 2 % wt