

RHEIN QUARZIT

| <i>Physical-Mechanical Characteristics</i> | | | <i>Average Values</i> |
|---|-------------------|--|-----------------------|
| Petrographic Definition | | | Gneiss |
| Apparent Density | | | 2,650 Kg/mc |
| Open Porosity | by volume | | 0.8% |
| Water Absorption | by mass | | 0.3% |
| Flexural Strength with concentrated load under natural conditions | | | 20.4 MPa |
| Flexural Strength with concentrated load after frost | | | 19.9 MPa |
| Uniaxial Compression Strength under natural conditions | | | 170 MPa |
| Uniaxial Compression Strength after frost | | | 168 MP |
| Abrasion Resistance | groove size | | 15.5 mm |
| Slip Resistance - Sandblasted Finish | dry | | 69 (SRV) |
| Slip Resistance - Sandblasted Finish | wet | | 66 (SRV - USRV) |
| Anchor Breakage Load | | | 2,620 N |
| Anchor Breakage Load | fracture distance | | 48 mm |