

TEST RESULTS SILBERQUARZIT

Water absorption:	0.22 % according to DIN 52103
Raw unit density:	2.65 t/m ³ according to DIN 52102
Compressive strength:	MPa 288.7 according to DIN EN 1926
Bending tensile strength:	19.7 according to DIN 2109
Salt resistance:	The Silberquarzit was subjected to a crystallization test with sodium sulphate according to DIN 52111-A. <u>Result:</u> Resistant to salts.
Wear test:	The Silberquarzit was subjected to a wear test according to DIN 52108 <u>Result:</u> Abrasion wear was an average of 4.3 cm ³ /50 cm ² .
Weathering:	The Silberquarzit was tested for weathering according to DIN 52104-8. <u>Result:</u> Totally frost resistant.
Acid/chlorine resistance:	The Silberquarzit was subjected to an acid resistance test per DIN 52206. <u>Result:</u> Acid and chlorine resistant.
Bacterial colonization:	The Silberquarzit was tested for surface behavior towards bacteria. <u>Result:</u> Absolutely no growth of microbiological organisms was detected. From a microbiological hygiene perspective, silver quartzite stone represents a safe surface.
Slip resistance:	R 12 per DIN 51130 with rough split surface. R 10 per DIN 51130 with diamond sawn surface. C per DIN 51097 with rough split surface. C per DIN 51097 with diamond sawn surface

The tests were carried out by the Landesgewerbeamt Bayern (LGA).