

Lessinia Stone Technical Sheet

PINK

WHITE

Main use	Indoor/Outdoor	Indoor/Outdoor
Weight per volume unit	2660/2690 kg/m ³	2660/2690 kg/m ³
Average flexural strength of the results of the 10 Rtf assays Standard deviation S	11.2 Mpa 0.6 Mpa	16.6 Mpa
Determination of resistance to freezing / thawing in compliance with the EN 12371: 2001		
Average flexural strength after 48 freeze / thaw cycles Rtf	9.8 Mpa	
Standard deviation S.	1.2 Mpa	16.9 Mpa
Decreased flexural strength after 48 freeze / thaw cycles compared to simple flexural strength	13%	
Determination of the compressive strength in compliance with the EN 1926: 1999		
Average compressive strength Rm	140 Mpa	186 Mpa
Standard deviation S .	35.3 Mpa	
Coefficient of variation V .	0.25	
Determination of resistance to freezing / thawing in compliance with the EN 12371: 2001		
Average compressive strength after 48 freeze / thaw cycles Rm	136 Mpa	
Standard deviation S .	19.6 Mpa	172 Mpa
Coefficient of variation V .	0.1	
Decreased compressive strength after 48 freeze / thaw cycles compared to simple compressive strength	3%	
Determination of resistance to abrasion according to appendix C UNI EN 1341: 2003; appendix B UNI EN 1342: 2003		
Calibrated abrasion value, average of the results of the 6 assays	19.7 mm	19 mm
Calibration value recorded	19.6 mm	
Water absorption at atmospheric pressure according to the EN 13755: 2001		
Water absorption at atmospheric pressure, average value of the 6 samples	1.2%	0.42%
Determination of resistance to slipperiness in compliance with appendix D UNI EN 1341: 2003; appendix C UNI EN 1342: 2003		
Overall average (USRV) sliding element and wet specimen:		
- smooth finish	54	
- scratched finish	77	
- saw surface finish		55