

FIBONACCI STONE

Technical Data & Test Results - QUARTZ

Binder Portland Cement Type 1

Water/Cement Ratio 0.32

Maximum Aggregate Size 6mm

STANDARD APPLIED/ TEST	RESULT
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UNI-10444 Specific Weight	2.47
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UNI-10444 Water Absorption by Weight (%)	3.2%
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UNI-6133 Flexural Strength (N/mm ²)	13.4
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UNI-10532 Resistance to Deep Abrasion (mm ³)	320
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DIN-52104 Resistance to Freeze/Thaw	Resistant
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DIN-52105 Compressive Strength (N/mm ²)	93
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ISO/DIS 1182.2 Resistance to Fire	Class 0
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FIBONACCI STONE

Summary of Slip Resistance Tests Performed and Classification

QUARTZ – POLISHED CLASS

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix A: WET Pendulum (Four S slider): **Z**

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix D: OIL-WET Ramp **R9**

QUARTZ – HONED CLASS

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix A: WET Pendulum (Four S slider): **W**

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix D: OIL-WET Ramp **R10**

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix C: WET/BAREFOOT Ramp **B**

QUARTZ – SANDBLASTED CLASS

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix A: WET Pendulum (Four S slider): **V**

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix D: OIL-WET Ramp **R13**

AS/NZ 4586:2004 – Slip resistance classification of new pedestrian surface materials.
Appendix C: WET/BAREFOOT Ramp **C**

In order to interpret the classifications, please refer to Standards Australia Handbook 197, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum for a wide variety of locations.

It is important to realize that test results obtained on unused factory-fresh samples may not be directly applicable in service, where proprietary surface coatings, contamination, wear and subsequent cleaning all influence the behaviour of the pedestrian surface.