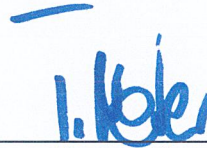
	Product identification		
	Commercial name	Guber quartz-sandstone	
	Petrographic determination (EN 12407)	Litharenite	
	Location of origin	Alpnach, Switzerland	
	Declaration of performance Nr.	GU005	
Reference Standards and Products			
<ul style="list-style-type: none">EN1341:2012 – Slabs of natural stone for external paving Slabs: flat natural stone element with square or rectangular shape, cut or milled. Intended use: natural stone slabs for external pedestrian and/or vehicular circulation areas			
<ul style="list-style-type: none">EN 1469:2004 – Natural stone products - Slabs for cladding Slabs for cladding: flat natural stone element with square or rectangular shape, cut or milled. Intended use: cladding natural stone element for external walls			
<ul style="list-style-type: none">EN 1342:2012 – Setts of natural stone for external paving Cobblestones: Split, cubic natural stone element. Intended use: cobblestones for external pedestrian and/or vehicular circulation areas			
<ul style="list-style-type: none">EN 771-6:2011 – Specification for masonry units - Part 6: Natural stone masonry units Masonry units: split natural stone elements with cubic or irregular shape. Intended use: exterior masonry			
Name and address of the manufacturer:			
Guber Natursteine AG Grüneckweg 3 6055 Alpnach	Tel: +41 41 672 71 00 Fax: +41 41 672 71 09 e-mail: info@guber.ch		
Essential characteristics	Performance	Harmonized technical specification	
Dangerous substances	Not relevant	2013-03	
Reaction to fire	Class A1	Without test	
Compressive strength	Mean Value	211.9 N/mm ²	EN 1926
	St. Dev.	26.4 N/mm ²	
	LEV*	157.3 N/mm ²	
Flexural strengt	Mean Value	23.8 N/mm ²	EN 12372
	St. Dev.	1.6 N/mm ²	
	LEV	20.5 N/mm ²	
Breaking load at dowel hole	Mean Value	2515 N	EN 13364
	St. Dev.	360 N	
	LEV*	1785 N	
Durability of compressive strength after 56 freeze/thaw cycles	Mean Value	199.2 N/mm ²	EN 12371
	St. Dev.	44.8 N/mm ²	
	LEV*	110.1 N/mm ²	
	Variation **	6.0%	
Durability of flexural strength after 56 freeze/thaw cycles	Mean Value	23.3 N/mm ²	EN12371
	St. Dev.	5.7 N/mm ²	
	LEV*	12.8 N/mm ²	
	Variation **	2.1 %	

* LEV: Lowest Expected Value

** Variation compared to the mean value before the freeze/thaw test

Declaration of Performance (in accordance with EU Construction Products Regulation)

Declaration Nr.:		EN771-6_GU005	
1.	Unique identification code	Guber Quartz-Sandstone / Litharenite	
2.	Type, batch or serial number:	Type Nr. on the product label	
3.	Intended use of the construction product:	Natural stones masonry unit for external usage, after EN 771-6.	
4.	Name and address of the manufacturer:	Guber Natursteine AG Grüneckweg 3 6055 Alpnach info@guber.ch +41 41 672 71 00	
5.	Where applicable, Name and address of the authorized reseller:	not applicable	
6.	System of assessment and verification:	System 4	
7.	Where applicable, name and address of the certified testing laboratory:	not applicable	
8.	Where applicable, European Technical Assessment:	not relevant	
9.	Declared performances		
	Essential characteristics	Performance	Harmonized technical specification
	Durability:		
	compressive strength before freeze/thaw	mean value	211.9 MPa
	compressive strength after freeze/thaw (56 cycles)	mean value	199.2 MPa
	compressive strength after freeze/thaw (56 cycles)	lower expected value	110.1 MPa
	compressive strength	mean value	211.9 MPa
		lower expected value	157.3 MPa
	reaction to fire	class A1	without test
	dangerous substances	not relevant	
10.	<p>The performance of the product identified at points 1 and 2 is in conformity with the declared performance at point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 4</p> <p>Signed for and on behalf of the manufacturer:</p> <p>THOMAS HEIER - GL (Name and role)</p> <p>23.10.2023</p> <p> (Unterschrift)</p>		

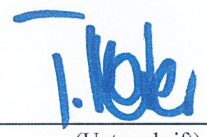
Declaration of Performance (in accordance with EU Construction Products Regulation)

Declaration Nr.:		EN1341_GU005	
1.	Unique identification code	Guber Quartz-Sandstone / Litharenite	
2.	Type, batch or serial number:	Type Nr. on the product label	
3.	Intended use of the construction product:	Natural stone slabs for external pedestrian and/or vehicular circulation areas, after EN 1341	
4.	Name and address of the manufacturer:	Guber Natursteine AG Grüneckweg 3 6055 Alpnach info@guber.ch +41 41 672 71 00	
5.	Where applicable, name and address of the authorized reseller:	not applicable	
6.	System of assessment and verification:	System 4	
7.	Where applicable, name and address of the certified testing laboratory:	not applicable	
8.	Where applicable, European Technical Assessment:	not relevant	
9.	Declared performances		
	Essential characteristics	Performance	Harmonized technical specification
	Durability:		
	flexural strength before freeze/thaw	mean value	23.8 MPa
	flexural strength after freeze/thaw (56 cycles)	mean value	23.3 MPa
	flexural strength after freeze/thaw (56 cycles)	lower expected value	12.8 MPa
	flexural strength	mean value	23.8 MPa
		lower expected value	20.5 MPa
	reaction to fire	class A1	without test
	dangerous substances	not relevant	
10.	<p>The performance of the product identified at points 1 and 2 is in conformity with the declared performance at point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 4</p> <p>Signed for and on behalf of the manufacturer:</p> <p><u>THOMAS HEIER - GL</u> (Name und Funktion)</p> <p><u>23.10.2023</u></p> <p><u>J. Böck</u> (Unterschrift)</p>		

Declaration of Performance (in accordance with EU Construction Products Regulation)

Declaration Nr.:		EN1342_GU005	
1.	Unique identification code	Guber Quartz-Sandstone / Litharenite	
2.	Type, batch or serial number:	Type Nr. on the product label	
3.	Intended use of the construction product:	Natural stone setts for external usage and road finishes, after EN 1342	
4.	Name and address of the manufacturer:	Guber Natursteine AG Grüneckweg 3 6055 Alpnach info@guber.ch +41 41 672 71 00	
5.	Where applicable, name and address of the authorized reseller:	not applicable	
6.	System of assessment and verification:	System 4	
7.	Where applicable, name and address of the certified testing laboratory:	not applicable	
8.	Where applicable, European Technical Assessment:	not relevant	
9.	Declared performances		
	Essential characteristics	Performance	Harmonized technical specification
	Durability:		
	compressive strength before freeze/thaw	mean value	211.9 MPa
	compressive strength after freeze/thaw (56 cycles)	mean value	199.2 MPa
	compressive strength after freeze/thaw (56 cycles)	lower expected value	110.1 MPa
	compressive strength	mean value	211.9 MPa
		lower expected value	157.3 MPa
	reaction to fire	class A1	without test
	dangerous substances	not relevant	
10.	<p>The performance of the product identified at points 1 and 2 is in conformity with the declared performance at point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 4</p> <p>Signed for and on behalf of the manufacturer:</p> <p><u>THOMAS HEIER - GL</u> (Name und Funktion)</p> <p><u>23.10.2023</u></p> <p><u>T. Heier</u> (Unterschrift)</p>		

Declaration of Performance (in accordance with EU Construction Products Regulation)

Declaration Nr.:		EN1469_GU005	
1.	Unique identification code	Guber Quartz-Sandstone / Litharenite	
2.	Type, batch or serial number:	Type Nr. on the product label	
3.	Intended use of the construction product:	cladding natural stone slabs for external walls after EN 1469	
4.	Name and address of the manufacturer:	Guber Natursteine AG Grüneckweg 3 6055 Alpnach info@guber.ch +41 41 672 71 00	
5.	Where applicable, name and address of the authorized reseller:	not applicable	
6.	System of assessment and verification:	System 4	
7.	Where applicable, name and address of the certified testing laboratory:	not applicable	
8.	Where applicable, European Technical Assessment:	not relevant	
9.	Declared performances		
	Essential characteristics	Performance	Harmonized technical specification
	Durability:		
	flexural strength before freeze/thaw	mean value	23.8 MPa
	flexural strength after freeze/thaw (56 cycles)	mean value	23.3 MPa
	flexural strength after freeze/thaw (56 cycles)	lower expected value	12.8 MPa
	flexural strength	mean value	23.8 MPa
		lower expected value	20.5 MPa
	Breaking load at dowel hole	mean value	2515 N
		lower expected value	1785 N
	reaction to fire	class A1	without test
	dangerous substances	not relevant	
10.	<p>The performance of the product identified at points 1 and 2 is in conformity with the declared performance at point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 4</p> <p>Signed for and on behalf of the manufacturer:</p> <p>THOMAS MEIER - GL (Name und Funktion)</p> <p>23.10.2023</p> <p> (Unterschrift)</p>		