

Declaration of conformity EC

The manufacturer

Singhofener Quarzkieswerke HW Schmitz GmbH & Co. KG
Rennweg 64-66
56626 Andernach

declares according to § 9 of the law for products of construction (transposition of the directive for products of construction 89/106/EEC)

that the natural rock granulations for mortar – tertiary gravel (quartz gravel)

specified in the list of the varieties that are manufactured in the factory

Singhofener Quarzkieswerke HW Schmitz GmbH & Co. KG
An der Bäderstrasse (B260)
56379 Singhofen

comply with the requirements of EN 12620:2002-09 and the conditions for the EC marking according to the Annex ZA.1 of EN 12620:2002-09.

The indicated procedures on the Table ZA.2a of EN 12620:2002-9 for the evaluation of conformity have been carried out.

The system of the production control inside the factory has been certified by the following notifying service

Baustoffüberwachungsverein
Kies, Sand und Splitt
Hessen – Rheinland-Pfalz e.v. (BÜV HR)*
Friedrich-Ebert-Straße 11-13
67433 Neustadt



The certificate with the Number 1284 – BPR – R/046/1 12620
has been issued on July 27th, 2004.

Andernach, August 12th, 2004

Ursula Schmitz, Manager

hw Schmitz
Singhofener Quarz Kieswerke GmbH & Co. KG
Rennweg 64-66 Tel. 02632/9273-0
56626 Andernach/Rhein

*A.d.Ü.

Quarzkieswerke = Factory for quartz gravel

BÜV HR = Association of surveillance of construction material like gravel, sand and chipping of Hesse and Rheinland-Palatinate

Gesteinskörnungen für Beton nach DIN EN 12620

Sortenverzeichnis mit vollständigen Kennwert-Angaben für die CE-Kennzeichnung



Quarzkieswerk Singhofen HW Schmitz GmbH & Co. KG Rennweg 64-66 D-56626 Andernach		Datum: 20.07.2004	Blatt Nr.: 1/1
		Petrographischer Typ: Tertiärkies (Quarzkies)	

Zertifikat: 1284-BPR-R/046/1 12620	Werk: Singhofen
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Beschreibung der Korngruppen

Sortennummer	1	2	3	4	5
Determination of particle shape	—*	FL _{NR}	FL _{NR}	FL _{NR}	
Grain size	0/2	2/8	8/16	16/32	
Determination of particle size distribution	G _{F85}	G _{C85/20}	G _{C85/20}	G _{C85/20}	
Determination of particle density (Roh-rd) [Mg/m ³]	2,58	2,55	2,58	2,58	
Assessment of fines	f ₄	f _{1,0}	f _{1,0}	f _{1,0}	
Determination of shell content	—*	SC ₁₀	SC ₁₀	SC ₁₀	
Methods for the determination of resistance to fragmentation	—*	LA _{NR}	LA _{NR}	LA _{NR}	
Determination of the polished stone value	—*	PSV _{NR}	PSV _{NR}	PSV _{NR}	
Resistance against surface abrasion	—*	AAV _{NR}	AAV _{NR}	AAV _{NR}	
Determination of the resistance to wear	—*	M _{DeNR}	M _{DeNR}	M _{DeNR}	
Determination of the resistance to wear by abrasion from studded tyre	—*	AN _{NR}	AN _{NR}	AN _{NR}	
Chloride [M.-%]	< 0,02	< 0,02	< 0,02	< 0,02	
Acid-soluble sulfate	AS _{0,2}	AS _{0,2}	AS _{0,2}	AS _{0,2}	
Gesamtschwefel [M.-%]	< 1 (bestanden)	< 1 (bestanden)	< 1 (bestanden)	< 1 (bestanden)	
Components, which change solidification and confirmation behavior of the concrete	bestanden	bestanden	bestanden	bestanden	
Carbonatgehalt	—*	—*	—*	—*	
Determination of drying shrinkage	—*	—*	—*	—*	
Determination of water absorption [M.-%]	0,3	1,4	0,8	0,5	
Determination of resistance to freezing and thawing	—*	F ₁	F ₁	F ₁	
Magnesium sulfat test	—*	MS ₁₈	MS ₁₈	MS ₁₈	
Resistance against alkali silicic acid reactivity	—*	—*	—*	—*	
Lightweight organic impurities [M.-%]	< 0,25	< 0,05	< 0,05	< 0,05	

* NO PERFORMANCE DETERMINED

Data for typical grading

Purified rock granulations

Sorte Nr.	Korngruppe	werktypische Kornzusammensetzung							Toleranz nach Tab. 4 od. C.1
		Durchgang durch das Sieb (mm) in M.-%							
		0,063	0,250	1	1,4	2	2,8	4	
1	0-2a	0,6	13	67	—	91	—	100	Tab. 4