

Declaration of Performance



in accordance with delegated regulation (EU) Nr. 574/2014 of the commission on the amendment to annex III to regulation (EU) Nr. 305/2011 (EU-construction-products-regulation) for the product-group „aggregates for concrete“ according to DIN EN 12620

DoP-No.:		SCHW-2013-11-26-B.e		
1	unique identification code of the product type:			
	DIN EN 12620	0/2	sort	S05
	DIN EN 12620	2/8	sort	K05
	DIN EN 12620	8/16	sort	K07
	DIN EN 12620	16/32	sort	K08
2	usage: aggregates for concrete			
3	producer:			
	SCHWENK Sand & Kies Nord GmbH & Co. KG			
	Am Saale-Dreieck 3, 39240 Calbe (Saale) OT Schwarz			
	factory 'Schwarz': Am Saale-Dreieck 3, 39240 Calbe (Saale) OT Schwarz			
4	system(s) of assessment and verification of constancy performance (AVCP): system 2+			
5	In the case of a declaration of performance concerning a construction product covered by a harmonized standard:			
	harmonized standard:	EN 12620:2002+A1:2008		
	notified body:	BAU-ZERT e.V. (0790)		
6	stated performance: see the list of relevant characteristics at the end of this declaration			
7	The performance of the products according to numbers 1 and 2 corresponds to the stated performance. responsibility for the preparation of this declaration of performance is the sole responsibility of the producer.			
Signed for the producer and on behalf of the producer:				
place:	Schwarz			
date:	03.02.2026			
managing director:	Thomas Sülzle			
signature/rubber stamp:	 SCHWENK Sand & Kies Nord GmbH & Co. KG Am Saale-Dreieck 3 39240 Calbe OT Schwarz			

**SCHWENK**

harmonized technical specification
EN 12620:2002+A1:2008

company:
SCHWENK Sand & Kies Nord GmbH & Co. KG
Am Saale-Dreieck 3
39240 Calbe (Saale) OT Schwarz

date:
03.02.2026

sheet no.:
1 of 1

natural aggregates
petrographic type: **Saale-sand/-gravel**

factory 'Schwarz': **Am Saale-Dreieck 3**
39240 Calbe (Saale) OT Schwarz

certificate:
0790-CPR-2.3261.2388-01

description of the grain groups

ser. no.	1	2	3	4
sort no.	S05	K05	K07	K08
size fraction	0/2	2/8	8/16	16/32
aggregate size	G _F 85 tolerance acc. tab. C.1	G _C 85/20	G _C 85/20	G _C 85/20
content of fines	f ₃	f _{1,5}	f _{1,5}	f _{1,5}
fines quality	npd	npd	npd	npd
shape index/flakiness index	npd	SI ₂₀	SI ₁₅	SI ₁₅
percentage of crushed particles	npd	C _{NR}	C _{NR}	C _{NR}
shell content	npd	SC ₁₀	SC ₁₀	SC ₁₀
resistance to fragmentation	npd	SZ ₂₆	SZ ₂₆	SZ ₂₆
resistance to "Sonnenbrand"	npd	npd	npd	npd
resistance to polishing	npd	PSV _{NR}	PSV _{NR}	PSV _{NR}
resistance to surface abrasion	npd	AAV _{NR}	AAV _{NR}	AAV _{NR}
resistance to wear	npd	M _{De} NR	M _{De} NR	M _{De} NR
resistance to abrasion from studded tyres	npd	A _N NR	A _N NR	A _N NR
particle density (ρ _{sed})	2,63±0,03 Mg/m ³	2,61±0,05 Mg/m ³	2,61±0,05 Mg/m ³	2,61±0,05 Mg/m ³
water absorption (WA ₂₄)	0,2±0,2 M.-%	1,4±0,4 M.-%	1,0±0,4 M.-%	0,9±0,4 M.-%
resistance to freezing and thawing	npd	F ₁	F ₁	F ₁
resistance to freezing and thawing in the presence of salt	npd	passed	passed	passed
resistance to weathering	npd	MS ₁₈	MS ₁₈	MS ₁₈
volume stability	npd	npd	npd	npd
alkali-silica reaction	E I	E I-S	E I-S	E I-S
water soluble chloride	≤ 0,01 M.-%	≤ 0,01 M.-%	≤ 0,01 M.-%	≤ 0,01 M.-%
acid soluble sulfate	AS _{0,2}	AS _{0,2}	AS _{0,2}	AS _{0,2}
total sulfur	≤ 1 M.-%	≤ 1 M.-%	≤ 1 M.-%	≤ 1 M.-%
content of lightweight organic contaminants	≤ 0,10 M.-%	≤ 0,05 M.-%	≤ 0,05 M.-%	≤ 0,05 M.-%
constituents affecting the setting and hardening	passed	passed	npd	npd
carbonate	≤ 3,0 M.-%	npd	npd	npd
radiation of radioactivity	npd	npd	npd	npd
release of heavy-metals	npd	npd	npd	npd
release of polycyclic aromatic hydrocarbons	npd	npd	npd	npd
release of other dangerous substances	npd	npd	npd	npd

npd = no performance determined

information on typical grain compositions of aggregates and aggregate mixtures

ser. no.	sort no.	grain group	factory-typical grain composition													
			0,063	0,125	0,25	0,5	1	1,4	2	2,8	4	8	11,2	16	22,4	31,5
1	S05	0/2 (tolerance)	0,1 (0-3)	-	9±15 (0-24)	-	84±10 (74-94)	-	97±5 (92-99)	-	100					
4	K08	16/32 (tolerance)										0	-	10	70	100