

Declaration of Performance



SCHWENK

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-2013-12-26-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:	23.03.2026		
managing director:	Thomas Sülzle		
signature/rubber stamp:			
	<u>SCHWENK Sand & Kies Nord GmbH & Co. KG</u> <u>Am Saale-Dreieck 3</u> <u>39240 Calbe (Saale) OT Schwarz</u>		

				 BAU-ZERT e. V.													
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: 23.03.2026		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 ₂₀		SI ₂₀										
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 _{ssd})	2,63±0,03 Mg/m³		2,61±0,05 Mg/m³		2,61±0,05 Mg/m³		2,61±0,05 Mg/m³										
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 lighthweigth organic contaminators	≤ 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	