

Declaration of performance according annex III of EC 305/2011 (CPR)

No. 2516-CPR-1020-003-12620

1. Unique identification code of the product type:
Aggregates for concrete according to EN 12620
2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4):
ASILUX 1-2 mm and ASILUX 1-3 mm
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Aggregate for concrete
4. Name, registered trade name or registered trade mark and content address of the manufacturer as required pursuant article 11(5):
**EP Power Minerals GmbH,
Duisburger Straße 170, 46535 Dinslaken, Germany**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2):
Not applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+
7. The notified certification body (**bupZert GmbH, 2516**) has issued the certificate of conformity of the factory production control on the basis of the initial inspection of the manufacturing plant, the factory production control and the continuous surveillance, assessment and evaluation of the factory production control:
**certificate of conformity of the factory production control
certificate no. 2516-CPR-1020-003-12620**
8. Declared performance:
See annex
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dinslaken, 02.08.2021



Andreas Hugot, Managing Director



ppa. Martin Pielke

Aggregates for concrete
 according to EN 12620

Annex to Declaration of performance
 2516-CPR-1020-003-12620
 dated 02.08.2021
 (List of varieties)

Factory:
 Strahlmittelwerk Lünen
 Moltkestr. 212
 44536 Lünen, Germany

Type:
 boiler slag

Variety number	Particle size	Grading	Limit deviation	Fines content f	Quality of fines *	Particle shape (L/D > 3) SI	Flakiness index F _I	Percentage of broken surfaces C	Particle Density* (declared value)*	Water absorption* (declared value) *	%w/w	Water absorption* (declared value) *	WA ₂₄ NR	WA ₂₄ NR	Resistance to SZ	Resistance to SZ _{NR8}	Resistance to LA	Resistance to LA ₄₀	Resistance to LA ₄₀	Resistance to SZ _{NR8}	Resistance to SZ _{NR8}	Durability against freeze/thaw F	Durability against freezing and de-icing salt attack (NaCl) F _{ec-5}	Resistance to magnesium-sulphate strain MS ₁₈	Durability against alkali-silica reactivity	Content of water-soluble chloride Cl	%w/w	AS _{0.2}	AS	%w/w	Total Sulphur S	Constituents interfering with setting and hardening	Determination of coarse organic contamination
-	-	-	-	f _{1,5}	-	NPD	F _{NR}	C _{100/0}	2.58	0.6	0.6	WA ₂₄ NR	WA ₂₄ NR	SZ _{NR}	SZ _{NR8}	LA ₄₀	LA ₄₀	LA ₄₀	SZ _{NR}	SZ _{NR8}	F ₁	F _{ec-5}	MS ₁₈	E I	< 0.001	< 0.001	AS _{0.2}	< 1	pass	-	Cat.		
ASILUX 1-2 mm	1/2	Gc85/20	-	f _{1,5}	-	NPD	F _{NR}	C _{100/0}	2.58	0.6	0.6	WA ₂₄ NR	WA ₂₄ NR	SZ _{NR}	SZ _{NR8}	LA ₄₀	LA ₄₀	LA ₄₀	SZ _{NR}	SZ _{NR8}	F ₁	F _{ec-5}	MS ₁₈	E I	< 0.001	< 0.001	AS _{0.2}	< 1	pass	-	Cat.	m _{LPc0.1}	
ASILUX 1-3 mm	1/3	Gc85/20	-	f _{1,5}	-	NPD	F _{NR}	C _{100/0}	-	-	-	WA ₂₄ NR	WA ₂₄ NR	SZ _{NR8}	SZ _{NR8}	LA ₄₀	LA ₄₀	LA ₄₀	SZ _{NR8}	SZ _{NR8}	F ₁	F _{ec-5}	MS ₁₈	E I	< 0.001	< 0.001	AS _{0.2}	< 1	pass	-	Cat.	m _{LPc0.1}	

in Germany no requirements (NR): quality of fines, Shells content (SC), abrasion value (AAV), resistance to wear (M_{0E}), abrasion by studded tires (A_N), Soundness (V), hazardous substances

* Particle density and water absorption exemplary determined by ASILUX 1-2mm.

* Boiler slag can be regarded as safe because of its mineralogical-petrographical composition and the previous experience of practical use. In accordance with the German alkali guideline issued by the German Committee of Structural Concrete (DAFStb) boiler slag can be classified into alkali-reactivity-class E I.

* NPD = no performance determined.

Additional technical information about the product group aggregates for concrete										
Information about average grain composition										
Variety number.	Particle size group	Typical grain composition								
		Percent Passing in weight.-%								
ASILUX 1-2 mm	1/2	0.063	0.5	2	2.8	4	5.6			
		0	0-4	85-95	98-100	100	100			
ASILUX 1-3 mm	1/3	0.063	0.5	3.15	4	5.6	8			
		0	0-3	94-99	98-100	100	100			