

# SILICA

sand for dry mixtures, self-leveling floors and plasters



	PK 016	PK 0315	PK 040	PK 063	PK 08
Characteristics	Stated Values	Stated Values	Stated Values	Stated Values	Stated Values
Designation of fraction d/D	0/1	0/1	0/1	0/1	0/2
Content of particles passing through sieve with light opening, %					
2 mm	100	100	100	100	100
1 mm	100	100	100	90-100	70-90
0.5 mm	80-100	80-100	40-70	10-30	5-15
0.25 mm	60-80	0-5	0-5	0-5	1-5
0.063 mm	0-1	0-1	0-1	0-1	0-1
Designation of coarseness/fineness (particles passing through sieve 0.5 mm), %	55 to 100 for FP (fine particles)	55 to 100 for FP (fine particles)	30 to 70 for MP (medium particles)	5 to 45 for CP (coarse particles)	5 to 45 for CP (coarse particles)
Fine Particles Content (particles under 0.063 mm), %	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3
	for category 1	for category 1	for category 1	for category 1	for category 1
Specific density, kg/m	2,64±0,02	2,64±0,02	2,64±0,02	2,64±0,02	2,64±0,02
Chlorides Content, %	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1
Acid Soluble Sulphate Content, %	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,2
	for category AS <sub>0,2</sub>	for category AS <sub>0,2</sub>	for category AS <sub>0,2</sub>	for category AS <sub>0,2</sub>	for category AS <sub>0,2</sub>
Presence of Hazardous Organic Substances	None	None	None	None	None
Content of rocks and minerals with amorphous and unstable form of SiO <sub>2</sub> , measured as soluble SiO <sub>2</sub> , mmol/dm <sup>3</sup>	≤ 50 (for construction mortars with mark above M7,5 in accordance with BDS 2271-83)	≤ 50 (for construction mortars with mark above M7,5 in accordance with BDS 2271-83)	≤ 50 (for construction mortars with mark above M7,5 in accordance with BDS 2271-83)	≤ 50 (for construction mortars with mark above M7,5 in accordance with BDS 2271-83)	≤ 50 (for construction mortars with mark above M7,5 in accordance with BDS 2271-83)
	PK 016	PK 0315	PK 040	PK 063	PK 08
Dry Mixtures	✓	✓	✓		
Self-Leveling Floors		✓	✓	✓	✓
Plasters				✓	✓

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