

COLOURED QUARTZ – GENERAL

01/06/2016

PRODUCT DESCRIPTION

Siddec gravel consists of washed and fire-dried quartz, which is strained in accordance with pre-established norms.

APPLICATION

Siddec decorative gravel can be used in various applications, such as: stone floors, industrial floors, artificial walls, aquariums, decorative applications...

PROPERTIES

Siddec is coloured with various organic and/or inorganic pigments and is, via a heat treatment, coated with an epoxy or polyurethane system. Depending on the selected pigments and/or resins, the quartz will be more or less sensitive to UV. For applications that are exposed to direct UV light, we recommend that a PU-coloured system be used.

TECHNICAL DATA

Colours:	more than 3000 colours are available Attention: Quartz is a natural product. Small colour deviations are inevitable.
Basic material:	washed and fire dried quartz
Moisture residue:	≤ 0.2 %
Hardness:	7 – 8Mohs
Coating:	Epoxy or an aliphatic UV-resistant polyurethane
Standard grain size:	0.1-0.3 ; W0.1-0.3 ; 0.2-0.6 ; 0.3-0.8 ; K 0.3-0.8 ; 0.8-1.2 ; K 0.8-1.2 ; K 1.0-1.7 ; 1-2; 2-3; K 2-3; 3-4 ; 4-6 ; 5-8
Packaging unit:	in PE bags of 25 kg stacked on pallets of ± 1000 kg. Upon request, Big-bags of 1000 kg or 1500 kg can also be delivered.
Storage:	unlimited if stored in a dry and dark place

Grain size:

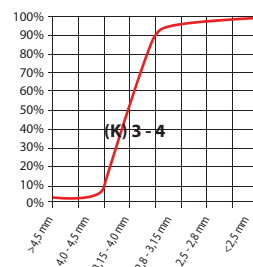
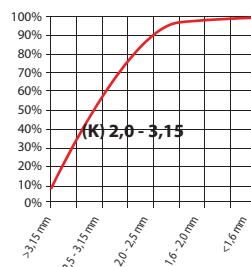
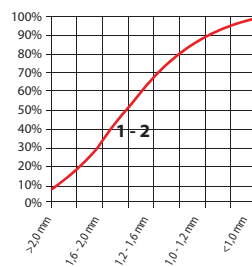
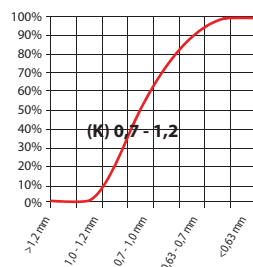
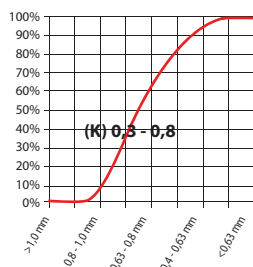
0.4 – 0.8	
> 1,0 mm	1%
0,8-1,0 mm	4%
0,63-0,8 mm	47%
0,4-0,63 mm	43%
< 0,4 mm	5%

0.8 – 1.2	
> 1,2 mm	5%
1,0-1,2 mm	43%
0,7-1,0 mm	47%
0,63-0,7 mm	4%
< 0,63 mm	1%

1 - 2	
> 2 mm	9%
1,6-2,0 mm	23%
1,2-1,6 mm	37%
1,0-1,2 mm	21%
< 1,0 mm	10%

2 - 3	
> 3,15 mm	10%
2,5-3,15 mm	48%
2,0-2,5 mm	33%
1,6-2,0 mm	8%
< 1,6 mm	1%

3 - 4	
> 4,0 mm	6%
3,15-4,0 mm	78%
2,5-3,15 mm	10%
2,5-3,15 mm	4%
< 2,5 mm	2%



SAFETY

Read always the material safety datasheet of the product.



COLOURED QUARTZ – GENERAL

01/06/2016

UV RESISTANCE ACCORDING BLUE WOOL SCALE

Comparative test for UV resistance on epoxy coloured gravel (**400 hours UV & moisture loading**) on which the method is adjusted to indoor application with a minimum UV-loading.

Attention: fluorescent colours and of the colours of the 450 series have a very small UV resistance.

8 = high quality 0 = low quality

Code		Value	Code		Value	Code		Value
NATUREL	2-3	8	S5402	2-3	6	S8212	2-3	8
S1004	2-3	8	S5420	2-3	8	S8222	3-4	8
S1006	2-3	8	S5546	2-3	6-7	S8224	2-3	8
SC1214	2-3	8	S6000	2-3	8	S8262	2-3	8
S1320	2-3	7-8	S6024	3-4	8	S8268	1-2	8
SC1430	2-3	7-8	S6028	2-3	7-8	SC9008	2-3	6
S1440	2-3	7	S6108	2-3	7-8	SD9016	2-3	5
S1448	2-3	8	S6208	2-3	8	S9202	2-3	8
S1458	2-3	8	S6332	2-3	7-8	S9212	3-4	7-8
S1476	2-3	8	S6500	2-3	6	S9214	2-3	8
S2122	2-3	7-8	S6540	2-3	7-8	SD9230	2-3	8
S2130	3-4	8	S7020	2-3	8	SM10100	2-3	6
SC3002	3-4	7-8	S7024	2-3	8	SM10310	2-3	6
SC3100	2-3	7-8	S7026	2-3	8	SM10400	2-3	7
S3102	2-3	7-8	S7028	2-3	8	SM10511	2-3	8
S3124	2-3	8	S7030	2-3	8	SM10600	2-3	8
S3428	2-3	8	S7046	2-3	8	SM10610	2-3	8
S4006	3-4	6-7	S7050	2-3	7-8	SM10910	3-4	6
S4010	2-3	7	SC7054	2-3	8	SM10826	2-3	6
S4020	2-3	6-7	S7100	2-3	7-8	SM10840	2-3	3
S4024	2-3	7	S7102	2-3	7-8	SM10920	2-3	4
S4028	2-3	6	S7116	2-3	7	SM10930	2-3	8
SC4131	2-3	7	S7124	3-4	7	SM10940	2-3	7
S4202	2-3	7-8	S7204	2-3	7	SM10960	2-3	4
S4206	2-3	6-7	S8010	2-3	8	SM10965	2-3	4
S4213	2-3	7	S8014	2-3	8	SF30	1-2	3
S4244	2-3	7	S8020	2-3	8	SF50	2-3	3
S5106	2-3	7	S8035	2-3	8	SD9018PU	2-3	8
S5025	2-3	7	S8040	2-3	8			
S5046	2-3	6	S8044	2-3	8			
S5053	2-3	6	S8048	2-3	7-8			
S5054	2-3	7	S8104	2-3	8			
SC5204	2-3	7	S8120	2-3	8			
S5230	2-3	5	S8200	2-3	8			
S5332	3-4	6-7	S8204	2-3	8			
S5400	2-3	7-8	S8208	2-3	8			

