



VEMAT L. Monnoyerkaai 11 B-1000 Brussels Tel.: 02 2457752 Fax: 02 2424678

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|--|---------------------------|---------------|-----------------------------------|
| Technical data sheet no.: V 08-06-01 Date : 03-01-2017 Replaces: 03-10-2016 | 17 0965-CPR-GT0534 | 411 BENOR 207 | DoP: V 08-06-01/12620/13139/13242 |
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|---------------|-------------|------------------------------------|-----------------------|
| Specification | Quartz sand | Round sand 0/4 CF A f3 a NG | River sand 0/7 |
|---------------|-------------|------------------------------------|-----------------------|

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| Application standard EN 12620 : Aggregates for concrete EN13139: Aggregates for mortar EN13242: Aggregates for unbound and bound applications |
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| Grading period 03-10-2016 till 22-12-2016 | | | | | | | | | | |
|---|------|------|-----|----|----|----|-------|-------|-------|-------|
| Sieve EN 933-1 | (mm) | 8 | 5.6 | 4 | 2 | 1 | 0.500 | 0.250 | 0.125 | 0.063 |
| Average passing fraction | % | 100 | 99 | 93 | 77 | 62 | 32 | 4 | 0 | 0,1 |
| Min. | % | 100 | 98 | 91 | 69 | 54 | 22 | 0 | 0 | 0 |
| Max. | % | 100 | 100 | 99 | 89 | 74 | 42 | 16 | 10 | 3 |
| FM | | 3.32 | | | | | | | | |

| Characteristics | Standard | Average | CE | | | BENOR |
|-----------------------------------|-------------|---|------------------------|-------|--|--------------------------|
| | | | 12620 | 13139 | 13242 | |
| Category | | | 0/4 G _F 85 | - | 0/4G _F 85 G _{TC} 10 | - |
| Real density ρ_{rd} | EN 1097-6 | 2.64 Mg/m ³ | 2.64 Mg/m ³ | | | $\pm 0.1 \text{ Mg/m}^3$ |
| Absorption | EN 1097-6 | 0.4% | 0.4% | | | $\pm 0,3 \%$ |
| Content fine particles | | 0.2% | Cat.f ₃ | Cat.1 | Cat.f ₃ | Cat.f ₃ |
| Chlorine ions | EN 1744-1 | <0,001% | <0,001% | - | - | - |
| Sulphates in acid solution | EN 1744-1 | - | Cat. AS _{0,2} | | | - |
| Setting time retardant substances | EN 1744-1 | - | geen | | | - |
| Carbonate/Shell percentage | NBN 289-209 | - | - | - | - | - |
| Heavy metals+pahs | | - | NPD | | | - |
| Alkali silica sensitivity | | - | Not reactive | | - | - |
| NA2O-eq. | | 0.005% (determined on desalinated material) | | | | - |

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| <p>EC- Declaration of conformity</p> <p>The undersigned, representative of Minera n.v., Rietschoorvelden 20 in Merksem, hereby certifies that the product defined in the technical data sheet V 08-06-01 and produced by the production-unit Vemat established at L. Monnoyerkaai 11 in B-1000 Brussels, is in conformity with the requirements of the provisions of the Construction Products Directive (89/106/EEE), and that the mentioned product meets the requirements of EN 12620, EN 13139 and EN 13242 mentioned in the tables ZA.1a of enclosure ZA of these standards.</p> <p>The FPC-system was assessed by the certificating body OCCN, established at Vorstlaan 68 1170 Brussels and the FPC-certificate number 0965-CPR-GT0534 was granted on 19/01/2006</p> <p>Merksem, 03-01-2017</p> <p style="text-align: right;">signed: D. Talpe</p> |
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| Date | Representative | Title | Signature |
|------|----------------|-------|-----------|
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