



EPOXY SAND ES 30

Dry quartz sands 0,1-0,4 mm

- ▶ For preparation of epoxy layers with the systems KEMA Floorsystem
- ▶ 100% washed, do not contain organic impurities
- ▶ Right grain sizes
- ▶ Excellent mechanical properties



PRODUCT DESCRIPTION Dry quartz sand for epoxy pavements of various grain sizes and colours. Fire-dried quartz sand of high hardness, chemical resistance and appropriate grain size.

FIELD OF USE Ideal for preparation of underlayers, support and final layers when implementing epoxy pavements, as the third component when preparing compounds as well as for gritting of newly placed resins.

CHARACTERISTIC ES Dry quartz sand, naturally coloured, various grain sizes
 OC Dry quartz sand, one colour, grain size 0,3-0,8 mm, various colours
 ESC Dry quartz sand, multi colour, grain size 0,3-0,8 mm, various colour mixture

- PRODUCT PROPERTIES**
- For preparation of epoxy layers with the systems KEMA Floorsystem
 - 100% washed, do not contain organic impurities
 - Right grain sizes
 - Excellent mechanical properties

PRODUCT DATA	
BASIC INFORMATION	Appearance Sand
	Packing 25 kg in paper bag
	Storage and expiration date Store in original packaging onto dry place.

TECHNICAL DATA Table 1: PHYSICAL-MINERALOGICAL DATA



Grain sizes	0,1-0,4 mm
Hardness (Mohs)	7
Ignition loss	< 0,2 %
Sintering point	> 1500°C
Softening point	> 1700°C
Bulk density (naturally moist)	1100 kg/m ³
uncompacted	1530 kg/m ³
compacted	
Specific density	2636 kg/m ³
Moisture	to 4 %

Table 2: CHEMICAL COMPOSITION

SiO ₂	> 99 %
Fe ₂ O ₃	0,297 %
Al ₂ O ₃	0,658 %
TiO ₂	0,032 %
CaO	0,041 %
MgO	0,027 %
P ₂ O ₅	0,009 %
K ₂ O	0,104 %

Table 3: SIEVE ANALYSIS

Sieve (mm)	Rest (%)	Passage (%)
1,25	2,05	97,95
1	3,75	94,2
0,71	10,9	83,3
0,5	17,24	66,06
0,355	14,01	52,05
0,25	13,99	38,06
0,16	16,22	21,84
0,1	12,23	9,61
0,063	7,01	2,6
< 0,063	2,6	0

List of epoxy sand		
Name	Fraction	Colour
Natural		
EPOXY SAND ES 0,1-0,3	0,1-0,3 mm	Natural white
EPOXY SAND ES 0,3-0,8	0,3-0,8 mm	Natural
One-coloured		
EPOXY SAND OC-WHITE 11	0,3-0,8 mm	white
EPOXY SAND OC-BRICK RED 30	0,3-0,8 mm	Brick red
EPOXY SAND OC-RED 313	0,3-0,8 mm	Red
EPOXY SAND OC-BLUE 40	0,3-0,8 mm	Blue
EPOXY SAND OC-GREEN 60	0,3-0,8 mm	Green
EPOXY SAND OC-YELLOW 20	0,3-0,8 mm	Yellow
EPOXY SAND OC-EARTH BROWN 811	0,3-0,8 mm	Brown
EPOXY SAND OC-GREY 70	0,3-0,8 mm	Grey
EPOXY SAND OC-BLACK 908	0,3-0,8 mm	Black
EPOXY SAND OC-LIGHT GREY 10	0,3-0,8 mm	Light grey
Multi-coloured		
EPOXY SAND ESC-MIX 1	0,3-0,8 mm	Black, grey, white
EPOXY SAND ESC-MIX 2	0,3-0,8 mm	Brown, white, light grey
EPOXY SAND ESC-MIX 3	0,3-0,8 mm	Blue, white, light grey
EPOXY SAND ESC-MIX 4	0,3-0,8 mm	Brick red, grey, white
EPOXY SAND ESC-MIX 5	0,3-0,8 mm	Blue, white

INSTRUCTIONS FOR USE

LIMITATIONS

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.



LEGAL BASE

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