



## **Product Information**

## WorléeQuarzsand AS

Version: 04/2018

**Worlée Quarzsand AS** is an epoxy resin coated, electrically conductive quartz. The product enables the formulation of conductive and antistatic coatings with an electrical resistance of  $R_A \leq 500$  Ohm.



	WorléeQuarzsand AS 0104	WorléeQuarzsand AS 0408	WorléeQuarzsand AS 1020
Grade	quartz sand	quartz sand	quartz sand
Color	anthracite / black	anthracite / black	anthracite / black
Particle shape	rounded edges	rounded edges	rounded edges
Particle size (± 10%) [mm]	0,1 – 0,4	0,4 - 0,8	1,0 – 2,0
Density [g/cm³]	approx. 2,65	approx. 2,65	approx. 2,65
Bulk density [g/cm³]	1,5 – 2,0	1,5 – 2,0	1,5 – 2,0
Hardness (Mohs)	approx. 7	approx. 7	approx. 7
Electrical resistance [Ohm]	≤ 500	≤ 500	≤ 500
Remaining moisture	approx. 0,1	approx. 0,1	approx. 0,1

**WorléeQuarzsand AS** should be stored in dry, well ventilated environment. Humid material may cause problems during flooring works.



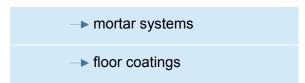


## Compatible binder systems for WorléeQuarzsand AS:

→ EP-systems	→ PMMA	
→ PU-systems	→ acrylate-systems	
→ UP-systems	→ several waterborne systems	

Before adding **WorléeQuarzsand AS** into solvent borne and / or styrene containing systems compatibility should be tested.

## Application examples for WorléeQuarzsand AS:



The different quartz grades and quartz granulations may be mixed together. In order to achieve sufficient conductivity at least 30% - 35% **WorléeQuarzsand AS** should be used. Subsequent colourless sealing is possible.