

YSHIELD® AQUACOND G20 | Graphite dispersion 20 µm | 1 liter

Fine dispersion of graphite d50 = 20 µm and carbon black. For maximum conductive coatings from 2 ohms.



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YSHIELD® AQUACOND G20 is a **water-based dispersion of natural graphite with an average particle diameter of 20 µm and carbon black**. In combination with a binding agent, square resistances from 2 ohms are possible. Neutrally formulated and therefore suitable for use in a wide range of technological fields. **Universally applicable standard dispersion for the formulation of shielding paints, shielding lacquers, plastic lacquers, glass fabric coatings, impregnating liquids, infrared heating coatings, absorber foams, anti-corrosion paints, etc.**

Technical data

- Delivery: In 1-liter containers (20 liters per box)
- Color: Dark gray
- Solvent: Water
- Dispersing additive: Nonionic
- G20 pigment: Natural graphite **d50 = 20 µm**; d90 = 50 µm; in combination with our AQUACOND BAC binding agent, resistances from 2 ohms can be achieved.
- Viscosity: 2400 mPas
- PH value: 6.9
- Density: 1.32 kg/l
- Solid content: 39.5 %
- VOC content: 0 g/l
- Ingredients: Water, natural graphite, carbon black, additives, preservative BIT/INN. **Water-soluble without additional binding agent.**

AQUACOND mixing system

We have been developing and producing **electrically highly conductive carbon coatings since 2003**. In addition to our globally renowned standard products, we have developed many customized solutions for absorption, plastic coatings, heating applications, textile coatings, and more. This is very time-consuming for us and sometimes not very effective when projects with high development costs and purchase quantities do not match. For this reason, we have developed the AQUACOND mixing system: **Compatible base components can be mixed as desired for individual conductivity applications**. The aqueous dispersions have been developed for maximum compatibility with as many of your usual ingredients as possible.

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