

# QUARZCOLOR

## Colored quartz filler

### 1. Product characteristics

QUARZCOLOR is a heat-colored (glazed) quartz filler.

### 2. Use

QUARZCOLOR is intended especially as a filler for epoxy resins of the **BETOLIT EP** series. In addition, it finds application in various decorative works such as colored synthetic plasters, structural plasters, accessories for artists, etc.

The color shade is achieved by hot-dip coating of the grains, which provides extra mechanical resistance; abrasion resistance and complete color fastness of colored layers. The filler is UV-resistant.

### 3. Physical and mechanical properties

Grain size (mm)		0.3 – 0.6		
Composition	Quarz (SiO <sub>2</sub> )	> 96 %		
Color	Brick red	Dark grey	Dark blue	
	Light red	Light grey	Light blue	
	Light green	Light brown	Yellow ochre	
	Dark green	Dark brown	Yellow-green	
	Black	White		

QUARZCOLOR colored filler is resistant to temperatures up to + 300 ° C, dilute acids (up to pH 1) and alkaline environment (up to pH 12). QUARZCOLOR is non-toxic, non-flammable and chemically resistant to all common synthetic resins. The rounded shape of the QUARZCOLOR filler grains ensures easy incorporation, especially into the **BETOLIT EP** resins

### 4. Test certificates

The product is certified according to § 12 of Act No. 22/1997 Coll. and according to § 6 of Government Regulation No. 163/2002 Coll. as amended.

Continuous independent production quality control is provided by AZL 1687 LABBET®.

Supervision of Quality Management Systems, Environmental Relations and OSH is carried out by Certification Body No. 3029

### 5. Packaging and storage

QUARZCOLOR is supplied in 10 liter PE cans. Shelf life in original undamaged packing is unlimited.

### 6. Waste disposal

During disposal of contaminated packages or clearing debris from product, it is necessary to follow the Act No. 185/2001 Coll. on waste, as amended.

### 7. Important notice

All information mentioned above, especially advice for processing and application of our products, is based on our knowledge from the development of chemical products and on years of experience with applications in practice at standard conditions, and proper storage and use. Due to the differing conditions during processing, high count of products, varying nature and modifications of base and other external influences, the procedure based on the information provided or on other written or oral recommendations, may not always ensure satisfactory working results. BETOSAN s.r.o. assumes no liability for provided advice or recommendation. The applicator must prove, that he submitted complete information on time and in writing which is necessary for a proper detailed assessment by BETOSAN s.r.o. The applicator must test the suitability of the products for the intended application. Proprietary rights of third parties, above all, must be taken into account. All received are orders subject to our current "General sales and delivery conditions ". Please always make sure that you follow the most recent issue of the Technical Data Sheet. It is available, along with other information, at our Technical Department or at [www.betosan.cz](http://www.betosan.cz)

Technical Data Sheet No. 7-7  
Issued 12.9.2017

BETOSAN s.r.o., Na Dolinách 28, 147 00 Praha, Czech Republic  
Business and technical office Nová cesta 291/40, 140 00 Prague 4, Czech Republic  
Tel./fax.:+420 241 431 212, tel.:+420 241 431 215  
E-mail: [paha@betosan.cz](mailto:paha@betosan.cz), [www.betosan.cz](http://www.betosan.cz)

