

BETOFIL FH

Quartz filler for epoxy compositions

1. Product characteristics

BETOFIL FH is a quartz filler with optimized granulometric composition.

2. Use

BETOFIL FH filler is intended especially as a filler for compositions based on epoxy resins of the **BETOLIT EP 0-1 DC** series. Besides it can be used as a part of epoxy adhesion bridge (see respective technological procedure sheet), and as a filler for any **BETOLIT** epoxy resins series, and generally where polymer-concrete should have high density, small volume changes and excellent mechanical properties with optimal workability.

BETOFIL FH-DSH filler was granulometrically optimized from different heat-dried exactly-sorted quartz sands and fine quartz fillers.

3. Physical and mechanical parameters

Grain size	0.25 – 4.00 mm	
Composition	Quartz (SiO ₂)	> 98.5 %
Color	non-standard ochre yellow	

BETOFIL FH filler resists to temperatures up to +300°C, diluted acids (up to pH 1) and alkaline environment (up to pH 12).

BETOFIL FH filler is non-toxic, non-flammable and chemically resistant to common epoxy resins. Rounded shape of the larger grains of the **BETOFIL FH** filler ensures easy mixing of the filler into the epoxy resins of the **BETOLIT** series, very fine particles prevent sedimentation and dispersion when the resin is filled only partially.

4. Test certificates

The product is certified according to Act No. 22/1997 Coll. and Regulation (EU) No 305/2011 of the European Parliament and of the Council (CPR). Continuous independent production quality control is provided by AZL 1687 LABBET®. Supervision of quality management, environmental and OSH systems is performed by Certification Body No. 3029.

5. Packing and storage

BETOFIL FH is supplied in PE lined PAP bags of 25 kg.

The shelf life of the product 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 orders are 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.

Technical Data Sheet No. 7-15
Issued 1.1.2019

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