



EPILOX FILLERS

Graded mineral fillers for Epilox binders

DESCRIPTION

Epilox Fillers are clean and dry mineral fillers for use with Epilox Binder, Epilox 321 or Epilox 621 to produce a wide range of epoxy repair mortars and flooring products.

ADVANTAGES

- Uniform grading
- Clean and dry
- Free of impurities

PRODUCTS

Epilox Fillers F3

High purity silica flour used for smooth pastes, fine fluid grouts and adhesives when used with either Epilox Binder or Epilox 621.

Epilox Fillers F4

Fine, graded blend of sands for general purpose patching mortars and concrete repairs. F4 Fillers may be used in conjunction with F3 fillers to produce economical grouting or rendering compounds when mixed with the appropriate binder system.

Epilox Fillers F6

Single sized quartzite aggregate for heavily filled mortars, floor screeds and patching compounds. Used with F3 or F4 fillers for large scale repairs or toppings.

APPLICATION/MIXING INSTRUCTIONS

Follow the directions for preparation, mixing and application of the chosen Epilox binder system. Epilox Fillers are normally added to the resin/hardener mix after about 2 minutes mixing time. Continue mixing as the fillers are added to the binder. Ensure that all fillers are thoroughly mixed into the binder whilst taking care not to exceed the recommended total mixing time for the binder system in use.

Where larger volumes are to be used, it can be beneficial to mix the fillers into the base resin before adding the hardener. Ensure that the resultant mortar is mixed for the time recommended on the product data sheet.

Curing

The addition of Epilox Fillers will slow the rate of initial set for the mixed binder system. In effect, the filler acts as a heat sink.

This feature can be beneficial where relatively large placements are required as the risk of an uncontrolled exothermic reaction is reduced.

Epoxy mortars produced with Epilox Fillers will normally reach full cure in seven days.

When added at the rates recommended in this data sheet, Epilox Fillers will not adversely affect the final strength of the cured epoxy mortar.

CLEAN UP

Spillages of Epilox Fillers can be cleaned up by sweeping or vacuuming the affected area.

Contaminated Fillers must not be added to Epilox binder systems. Affected Fillers should be disposed of in accordance with local statutory requirements.



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ESTIMATING

Packaging

Epilox Fillers are supplied in pre-weighed 25 kg poly lined, multiply paper bags. See the table below for a more detailed guide to estimating quantities.

Estimating Guide			
Litres of fillers per mixed litre of Epilox Binder	Approx. Weight of Filler (kg)	Approx. Yield (Litres)	Mixed Consistency
Epilox Fillers F3			
1	1.3	1.6	Fine fluid grout
2	2.6	2.2	Soft fluid paste
3	3.9	2.7	Stiff paste Epilox
Epilox Fillers F4			
1	1.5	1.7	Very fluid grout
1.5	2.3	1.9	Fluid grout
2	3	2.3	Slightly fluid grout
3	4.6	2.9	Wet mortar
4	6.1	3.6	Trowellable mortar
5	7.6	4.4	Dry Mortar
Epilox Fillers F6			
1	1.7	1.6	Very fluid grout
2	3.4	2.3	Pourable grout
3	5.1	3.0	Wet mortar
4	6.8	3.7	Wet trowellable mortar
5	8.5	4.3	Trowellable mortar

PRECAUTIONS

Epilox Fillers must be dry when mixed into Epilox binder systems.

Ensure that Epilox Fillers is not contaminated with dust or other impurities before use.

STORAGE

Epilox Fillers must be stored in the original unopened bags.

Store in a cool dry space that is protected from rain or damage from other water sources.

HEALTH AND SAFETY

Epilox Fillers is made from dry, graded quartz. It is not toxic but care should be taken to avoid breathing dust while handling the product.

For more detailed information, please read the SDS for this product.



TECHNICAL SUPPORT

Aftek manufactures a comprehensive range of high quality, high performance construction products. In addition, Aftek offers technical support and on-site advice to specifiers, end users and contractors. Please contact your Aftek sales representative or Aftek Head Office for this service

ALLIED PRODUCTS

Aftek manufactures a broad range of products under the Aftek brand, which are used in the construction industry and in manufacturing, including:

- Grouts
- Coatings
- Admixtures
- Adhesives
- Sealants
- Floor Toppings
- Floor Leveling Compounds
- Concrete Repair
- Concrete Curing



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