

## TECHNICAL DATA SHEET

# SikaBiresin® AP170

## (FORMERLY APF 175)

### POLYESTER REPAIR FILLER

#### DESCRIPTION

The SikaBiresin® AP170 Repair Putty is designed to work with SC 175 Extrudable Paste as a quick repair for small defects and voids. Its quick set time and ease of finishing help keep projects on track when issues occur.

#### PROPERTIES

- Designed to closely mimic SC 175 characteristics
- Very quick setting
- Minimal shrinkage
- Excellent finishing and machinability
- Exceptional adhesion
- Easy to use

#### PHYSICAL PROPERTIES

Composition			POLYESTER SikaBiresin® AP170	BPO HARDENER	MIXED
Mix ratio by weight			100	2	
Aspect (*Thixotropic)			*Paste	*Paste	*Paste
Color			Gray	White	Gray
*Thixotropic index		BROOKFIELD LVT	7.2		
Specific gravity at 25 °C	lbs./gal (g/cc)	ASTM D792	6.4 (0.82)	10.0 (1.20)	TBD
Pot Life at 25 °C (154 g)	(minutes)	ASTM D2471			4 - 7

#### MECHANICAL PROPERTIES

Hardness (Shore D)		ASTM D-2240		59
Service temperature °F (°C)				Up to 280°F (141°C)

## PROCESSING

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### PROCESSING CONDITIONS

- Thoroughly blend 100 parts resin with 2 parts hardener by weight for 1 to 1 ½ minutes in clean dry container or on a clean dry surface.
- Carefully scrape the surfaces while blending to ensure complete mixing and uniformity.

### SURFACE PREPARATION and APPLICATION

- The area to be filled or repaired should be thoroughly cleaned, roughened, cleaned again and allowed to dry prior to application to ensure the best possible adhesion.
- The mixed SikaBiresin®AP170 should be buttered into the area, avoiding trapping air during application.
- After curing to a tack-free state, the material can be sanded and finished as needed.

## HANDLING PRECAUTIONS

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Normal health and safety precautions should be observed when handling these products:

- Ensure good ventilation.
- Wear gloves, glasses and protective clothes.

For further information, please consult the Safety Data Sheets.

## STORAGE CONDITIONS

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- Product is guaranteed for 6 months when stored in original unopened containers between 59 – 77°F (15 – 25°C). Any opened can must be tightly closed.
- Polyester resin contains filler which has the potential to separate in time, please re-homogenize prior to use.

## PACKAGING

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Packaging information on request, please contact your local sales representative or find your local contact on [www.sikaadvancedresins.us](http://www.sikaadvancedresins.us)

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## LEGAL NOTICE

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The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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