



Accura® Patch and Accura® Bond Post-Processing SLA Materials

The resilient adhesive power of Accura Patch and Accura Bond results in parts that can stand up to the most rigorous handling and functional requirements of the Investment Casting process.

ACCURA PATCH

Designed specifically to fill vent and drain holes in 3D Systems QuickCast® casting patterns, Accura Patch is a translucent, antimony-free adhesive material that can also be used to fix surface imperfections that can occur on parts printed with various SLA technologies. This ultra-high viscosity material stays where you put it and can easily be sanded off for a smooth surface finish, ensuring you get the part quality you need, where you need it.

ACCURA BOND

Accura Bond is a UV photocurable, antimony-free adhesive material that has been designed to join together multiple parts printed with SLA technologies. Specifically designed for large 3D Systems QuickCast® casting patterns, this material can also be used to join any parts printed with SLA machines. Simply deposit the material along the joint, cure the material using a UV light source, and sand the seam to create a large high quality 3D printed assembly.

PROPERTY DESCRIPTION	ACCURA PATCH	ACCURA BOND	UNITS
Viscosity	38,300	500	cps
Liquid Density	1.066	1.100	g/cm ³
Color*	Clear	Clear	
Cure Speed	7	7	sec
Fume Silica (TGA)	Not Detected	Not Detected	%
Ash Content (TGA)	<0.01%	<0.010 %	%
ICP (Antimony Content)	< 0.1	< 0.1	ppm

*Our data was achieved by using a 300-450 nm broad band UV spot light source with peak irradiances at 320, 360 and 405 nm and a power density of 15W/cm² at a distance of 6-12 mm.

Note: Not all products and materials are available in all countries — please consult your local sales representative for availability.

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Warranty/Disclaimer: The performance characteristics of these products may differ according to variations in printing and post processing conditions, test equipment, product application, operating conditions, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

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APPLICATIONS

- Patch drain holes in QuickCast patterns
- Fix surface imperfections, like surface chips, in your SLA parts
- Use compatible material to fix an SLA part damage, like a chipped corner
- Join part together

BENEFITS

- Easy to use 5 cc hand held syringe material dispensing
- Sold per syringe, only buy what you need
- Buy your printing and post-processing materials from the same reliable source

FEATURES

- Antimony free
- Fast setup times
- Clear
- High viscosity