



SynFoam® Adhesive 108

Product Bulletin

Product Specification: SynFoam Adhesive 108 is a two component adhesive designed to bond together cast blocks of SynFoam HP. SynFoam Adhesive 108 provides superior bonding without adding significant weight to the bonded structure. Stresses caused by thermal expansion mismatch or water absorption are reduced.

Typical Product Data:

Typical Properties	Value
Mix Ratio	2 Parts A: 1 Part B
Mixed Color	Cream/Off-White
Viscosity @ 20 °C (Spindle 4- 2 rpm)	95,000 cps
Storage Stability @ 25 °C	1 year, unopened
Density	43 pcf
Pot Life @ 25 °C in 100 gm batch	1 hour
Cure Schedule:	90 minutes, 150 °F or 24 hours, 77°F

These results are based on standard small scale laboratory tests and as such are not reliable for determining, evaluating, or predicting the ultimate properties for specific applications. End users should run independent tests to determine whether SynFoam Adhesive 108 is suitable for a particular application.

INSTRUCTIONS

SynFoam Adhesive 108 is a two part system that requires mixing prior to use. The individual components must be mixed prior to use in the event that lightweight fillers may rise to the surface and separate from the mix.

The final mix ratio is:

Two parts by weight of Component A- Resin
One part by weight of Component B- Curative

Mixing can either be done by hand or with the use of a low shear mixer. To minimize air entrapment scraping the sides of the container with a spatula has shown excellent results. Mix until the color is uniform throughout. High shear dispersion equipment or blades SHOULD NOT be used to mix the material together.

One gallon kits are pre-weighed prior to shipment. Simply add all of Component B, shipped in a one gallon pail, into the two gallon container filled with component A. This two gallon container will provide adequate mixing space. It is not recommended to mix more than this amount due to the exotherm.

Prior to applying SynFoam Adhesive 108 make sure all surfaces are clean from foreign substances. Lightly sanding the surface is recommended. The best results are obtained by clamping the joined pieces together to minimize voids.

CURE SCHEDULE

Recommended Cure: 90 minutes @ 150 °F or 24 hours @ 77°F.

Trials by the end-user should determine acceptable rates for the application.

STORAGE

The warranty period is 1 year from date of shipment from UDC if stored in the original unopened container at 25°C (77°F).

For additional information on this product please contact:

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LEGAL DISCLAIMER

Each user bears the full responsibility for making its own determination as to the suitability of Supplier's materials, products, services, recommendations or advice for its own particular purpose. Each user must identify and perform tests and analyses sufficient to assure it that its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and Supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material, product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right