

FOAMLAM Versadhere

Foam Bonding Mattress Adhesive that is Rollcoat Applied



www.worthenind.com/podcasts



The most versatile of the Foamlam product line. Designed to bond difficult foam substrates including high polyol content viscoelastic foams. Versadhere has excellent shear stability that allows pumping and resists build up on the end dams.

Fast Drying

Due to the solids content and the ability to apply a small quantity for bonding, the water content evaporates quickly.

Fast Bonding

Fast wet tack gives fast assembly times. The lamination can be handled immediately. Destructive bonds develop within two hours when adhesive is applied at the recommended levels.

Easy-to-Clean

It is recommended that the adhesive is cleaned off the rollers when it is still wet. Run it low in nip and only use soft or distilled water to clean off the rollers.

Low Application Rates

For most foams only 35 to 50 grams per square yard (42 to 60 grams per square meter) are required for good wet tack and foam destructive bonds. For difficult to adhere viscoelastic foams, 75 to 90 grams per square yard, 90 to 107 grams per square meter. Worthen's technical lab can recommend application amounts.

Stability on Equipment During Break Times

The product will resist clotting or coagulating while not being used during break times.

Excellent Bonding to all Foam Types and Pocketed Coils

Provides foam destructive bonds to standard core foams, viscoelastic foams, including those with high polyol content, and other specialty foams.



Designed as a stable one part adhesive applied by rollcoat machinery for the bonding of foam layers for mattress constructions.



Physical Properties

Solids	53.0 +/- 2.0%
pH	8.0 to 10.0
Viscosity	700 - 1,800 cps 2/20, 25°C, Model Brookfield HAT
Lbs./Gal.	8.96 lbs/gal
Tack	Fast - Repositionable if needed before compression
Dry Time	Fast - No drying needed before packaging
Shelf Life	180 days from date of manufacturing

Instructions



1. Application Procedure

Apply using a rollcoat application machine to one surface and compress to the other surface being bonded

2. Application Amount

35 to 50 grams per square yard
42 to 60 grams per square meter on most foams. For difficult to adhere visco foam, 75 to 90 grams per square yard, 90 to 107 grams per square meter.

3. Compression Force

0.25 psi for a minimum of 5 seconds
(Repeat if necessary)

4. Downtime Procedure

Leave as much adhesive in the nip of the rollers without risking overflow before a shift change or while taking a break or lunchtime. Turn off adhesive dispensing valve (recommended). Set the roller speed to idle. Can remain idling for up to one hour.

5. Clean-up Procedure

Run low in glue nip, then with soft or distilled water, wipe off the glue rolls. Avoid using solvents or detergents to clean the rolls.

ISO 9001: 2015 & ISO 14001: 2015 Certified



UPACO ADHESIVES DIVISION

WORTHEN INDUSTRIES
4105 Castlewood Road
Richmond, VA 23234
Sales: 804-275-9231 x113
www.worthenind.com

Steve Adams, Business Unit Manager
sadams@worthenind.com
Mobile: 804-357-6100

IMPORTANT NOTICE: Worthen Industries believes the information on this technical data sheet to be reliable but does not guarantee its accuracy or completeness. Complete your own tests of this product to determine its suitability for intended use. User assumes all risks and liability during testing and use of this product. The only obligation of Worthen Industries and its distributors shall be to replace any of this product proved to be defective in material or workmanship. Neither Worthen Industries nor its distributors shall be liable for any injury, loss or damage, direct or consequential, relating to the use or inability to use this product. Except as expressly provided above. All products are sold, and samples furnished without any warranty of merchantability or any other warranty expressed or implied.