

Sika Sarnafil

World Class Roofing and Waterproofing

ROOFING TECHNICAL BULLETIN

#07-13

To: Roofing Consultants
Authorized Roofing Applicators
Sika Sarnafil Sales Staff & Sales Representatives
Sika Sarnafil Regional Technical Staff
Sika Sarnafil Customer Service Staff
Sika Sarnafil Services Staff
Sika Sarnafil Marketing

From: Sika Sarnafil Technical Service Department

Date: July 9, 2013

Subject: Coated Glass Faced Insulation Boards and Sarnacol 2121

Due to the impervious nature of glass coated facers found on many insulation boards, the adhesive coverage rates have improved while the drying times have increased. This is especially important when using water based adhesives like Sarnacol 2121. Water based adhesives tend to sit on the glass coated surface unlike on organic facers where much of the adhesive is absorbed. Because of these properties of the coated glass facers, it is critical that application coverage rates be followed. Too much adhesive will result in slower drying times.

When using Sarnacol 2121 with any of our coated glass facer products including Sarnatherm isocyanurate insulation and Sarnatherm Roof Boards, A, H, and M, the application must be done with a roller or by airless sprayer. The coverage rate should be between $\frac{3}{4}$ and 1 gallon per square **MAXIMUM** to the insulation side only. **Application with a notched squeegee is not acceptable as this method results in too much adhesive on the board.**

When using Sarnacol 2121 on pressurized buildings, the HVAC system must be balanced to prevent billowing of the membrane before the adhesive is dried. If this cannot be accomplished then the adhesive must be roller or spray applied as a two sided contact adhesive type application. Apply Sarnacol 2121 at $\frac{3}{4}$ gallon per square to both the insulation/cover board facer and to the membrane underside. Allow the adhesive to flash off most of the water, usually 15-20 minutes depending on weather conditions. The adhesive will begin to turn clear indicating sufficient flash off. While the adhesive is still tacky on both surfaces, mate them together. Do not let the adhesive skin over. Broom with a soft bristle broom to remove any trapped air and then roll with a 100lb steel, weighted roller.

Please contact Sika Sarnafil's Technical Department if there are additional questions.



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