SABA AQUABOND 3801
Phenomenal Initial Tack Increases Output

A common challenge faced by many bedding manufacturers and foam fabricators is finding a water-based adhesive solution that can provide rapid initial tack and immediate handling strength on the most challenging substrates. If you find yourself facing similar challenges, SABA may have the optimal solution for you via our two-component water-based adhesive, SABA Aquabond 3801.

What is a Two-Component Adhesive?
A two-component water-based adhesive combines a water-based adhesive with a catalyst (activator) which is injected into the adhesive spray pattern at the point of application (see figure 1).

How Does it Perform?
Forget about struggling, pressing and waiting for a final bond to develop on your difficult substrates. If you’re all about speed and handling strength, SABA Aquabond 3801 may be for you.

SABA Aquabond 3801 delivers very rapid initial tack and bonds rapidly and permanently to a wide variety of substrates, including non-wovens, plastics, metals and other non-porous substrates. The bonding characteristics are, quite frankly, remarkable as the initial tack is faster than most hot-melt and solvent-based adhesives while remaining water-based and environmentally friendly. For mattress producers and foam fabricators, it’s the answer when immediate handling strength is required on difficult-to-bond or very heavy substrates.

The SABA Two-Component Application System:
The key to hassle-free two-component adhesive application is in the application and delivery equipment. SABA’s breakthrough Optigluemix 2C spray gun (see figure 2) provides a tool that is simple to operate and maintain while also minimizing overspray for efficiency and cost savings.

SABA uses specially engineered ultra-low pulsation double-diaphragm pumps to supply both the adhesive and activator to the spray stations. These low-maintenance pumps are not only simple to operate but also provide consistent and optimized adhesive flow rates to each spray station to maintain proper application ratios.

Advantages Over Alternative Adhesive Solutions:

When comparing SABA Aquabond 3801 to solvent-based adhesives, the advantages are quite clear. Aquabond 3801 delivers similar, if not superior, initial handling strength while remaining water-based, VOC-free and non-flammable. This provides a safer working environment for employees and a “green” alternative to solvent-based adhesives.

When compared to hot-melt adhesives, Aquabond 3801 provides additional advantages. In terms of product quality, lab testing shows that Aquabond 3801 provides a final bond strength that is up to three times greater than hot-melt bonds.

Further, there is no risk of “noise” or “crackling” from bond failure with Aquabond 3801 as compared to hot-

“"We love this product. I have nothing but praise for the SABA team in terms of the system installation, their professionalism and being responsive to our needs. Last, but not least, the product has saved us precious time in production, and time is money in manufacturing.”

John Orders
Vice President
Park Place Corporation

Herb Morgenstern
President
Pleasant Mattress Company, Inc.

“The new SABA product has been a great fit for our production processes. The rapid initial tack of the adhesive gives us the speed and handling strength we require and we’ve also been able to reduce our adhesive consumption.”

Figure 1

Figure 2
water-based adhesives have simply never been able to match your required production needs or perhaps failed to provide the optimal bonding characteristics, then Aquabond 3801 may be the answer. In short, if you find that you struggle with one-component water-based adhesives or have to use solvent or hot-melt to get certain pieces through production, there is a water-based adhesive available that will likely exceed your expectations and you'll find this in SABA Aquabond 3801.

Costing and Equipment Investment:
SABA Aquabond 3801 is competitively priced and our application system provides optimal efficiency, thus ensuring the lowest possible adhesive cost per piece produced. Contact SABA today to learn more about our flexible equipment procurement options. Most often, there is zero capital outlay to obtain all of the necessary equipment and SABA will install the entire system for you at no additional cost.

Is SABA Aquabond 3801 the Optimal Solution for you?

“We made the switch to the new SABA adhesive because we needed an adhesive with very rapid initial tack to get our pieces through production without bond failure. We’re also now able to use less adhesive and have improved our product quality. The service and support from SABA has also been excellent.”

J. Wesner Price
President
Spring Air South

melt bonds. Also, from an application standpoint, Aquabond 3801 provides enhanced employee safety as there is no risk of skin burns that are common in hot-melt applications.

Contact SABA today for a free product demonstration.
Call us at 810 824 4964
Email us at sales@saba-adhesives.com

For sales inquiries, please contact:
T 810 824 4964
F 810 824 4986
E sales@saba-adhesives.com
W www.saba-adhesives.com

SABA North America LLC
5420 Lapeer Road
Kimball MI 48074 USA

SABA, dedicated to foam bonding
Est. 1933: 77 years of strong bonds