

# 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 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."

*Herb Morgenstern  
President  
Pleasant Mattress  
Company, Inc.*

### 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-



Figure 2

"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*

## Foam Producers:

Looking for a water-based adhesive for your Looper applications that delivers instant initial tack and an ultra-soft bond-line? Our two-component adhesive, SABA Softbond 3511 is the answer. A satisfied customer tells you why:

"We switched from a solvent-based adhesive to SABA Softbond 3511 for our looper applications about two years ago. At first, it was for Health and Safety reasons, but we quickly discovered that we were able to slice the foam buns right away because the product sticks so fast. Also, our customers love the soft bond-line."

*Frank Mazzulla  
Materials Manager, Vitafoam Canada*

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.

### 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*

The answer to this question is simply based upon your product mix and the required initial handling strength. SABA has the fastest tacking one-component water-based adhesive in SABA Superspray 3802, and if it provides you with adequate initial tack and handling strength, then perhaps a two-component adhesive isn't needed. However,

if you are challenged by applications where other

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.

"The product and service from SABA has been great. It's saved us time in production because it sticks so much faster than normal water-based adhesives. There should be no concern about operating or maintaining the system as we've found it to be quite user-friendly."

*Manuel Lopez  
A&M Mattress Company*

**Contact SABA today for a free product demonstration.**

**Call us at 810 824 4964**

Email us at [sales@saba-adhesives.com](mailto:sales@saba-adhesives.com)

**For sales inquiries, please contact:**

T 810 824 4964  
F 810 824 4986  
E [sales@saba-adhesives.com](mailto:sales@saba-adhesives.com)  
W [www.saba-adhesives.com](http://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**