



SABA, a strong bond

## LOOKING FOR A BUSINESS CASE TO GO GREEN?



**Reduce your foam bonding adhesive costs by as much as 50%**

Take the world's only one-part waterbased adhesive stable enough to be supplied via a pressurized delivery system...



...Apply it with the most efficient spray gun on the planet...



...Control your adhesive usage with SABA's state of art PLC driven monitoring system...



The result!  
Huge cost savings, superior bonding and control over your adhesive applications.

- 20 to 50% reduction in adhesive costs
- All application equipment provided at no cost
- Highest performing waterbased adhesive
- Cleaner and safer working environment
- Monitor and control adhesive usage

Call us at  
or e-mail

**810 824 4964**  
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# SAVINGS

Drastically reduce adhesive consumption

The SABA adhesive application system combines technologically advanced application equipment which makes our system the most efficient in the world. By eliminating adhesive waste caused by overspray and system inefficiencies our customers typically reduce adhesive consumption by at least 50% for the same level of production output. The result: huge cost savings and a cleaner plant!

## THE SABA TRIPLE C DELIVERY SYSTEM



The first step in maximizing efficiency is optimization of adhesive fluid pressure via the SABA Triple C System. This pressurized system is designed to deliver a constant adhesive flow rate to each spray station which means your operators will apply a predictable amount of adhesive regardless of the amount of adhesive in the tote.

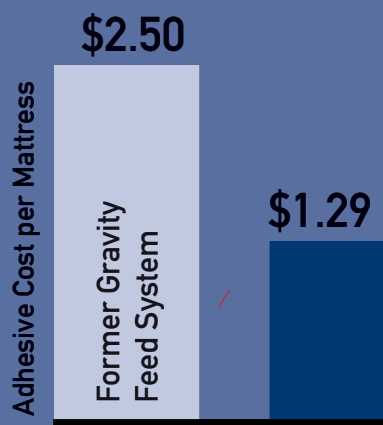
The Triple C system also delivers convenience and safety. The system allows up to 25 spray guns to be fed from a single tote of adhesive placed on the plant floor. This means less inventory on hand and eliminates the safety concerns associated with elevating one ton totes of adhesive.

- > Fully control fluid pressure to maximize transfer efficiency
- > Feed up to 25 spray guns from a single tote
- > Delivery vessel refills with the push of a button
- > Significantly reduces inventory costs



## DUX SPRAY GUN

The second step in maximizing application efficiency is the optimization of air flow via the Dux Advanced Laminar Airflow spray gun technology. The Dux technology starts with low pressure and keeps air moving in an organized fashion, thereby virtually eliminating overspray and bounce back. In short, you put more adhesive onto the part and less into the air. SABA is the exclusive provider of the Dux technology to the foam bonding industry.



"After full implementation of the SABA system we've seen our adhesive cost per mattress decrease almost 50%. SABA's monitoring system also allows us to know exactly where our adhesive cost point is each day. Overall the system has performed well and has been a great cost savings tool."

Stu Carlitz  
Chief Executive Officer  
Eclipse International LLC.

# PERFORMANCE

Superior bonding, stability and control

## ADHESIVE TECHNOLOGY

SABA is globally recognized as the leader in the development of technologically advanced foam bonding adhesives.

Being dedicated to foam bonding, we offer our customers a complete range of foam bonding solutions.

Furthermore, our team of chemists is in constant pursuit of the next break through in water based foam bonding adhesives and achieved this objective via the development of the SABA Superspray series.



Two pieces of foam joined with the SABA Foam Bonding Solution

- > Water Based and Solvent Free
  - Friendly to the environment and employees
- > Shear Stability
  - Specifically designed for application via a pressurized delivery system
- > Soft Bond Lines
  - Improve product comfort
- > Extremely Fast Initial Bonding
  - Improves production speed and output

The challenge in the development of one part water based adhesives has long been the balance between bond strength and shear stability. An adhesive with low shear stability will begin to coagulate, solidify, if placed under stress or pressure. This is why competitive products must be delivered via inefficient gravity feed systems.

### What makes the SABA Superspray series different?

These products are the world's first one part water based foam bonding adhesives that combine superior bonding characteristics with optimal shear stability.

What this means for you is adhesives that meet the most demanding production requirements with hassle free application. Additionally, the SABA Superspray series accelerates the production process via single sided application capabilities.

ISO Certifications  
ISO 9001 and ISO 14001



# CONTROL

Measure, monitor and control your adhesives use

SABA understands that in order to deliver long term costs savings it is imperative to be able to monitor and control adhesive usage. In reality, there are various factors that can impact your bottom line adhesive costs. Even with the SABA system, which is by far the most efficient system on the planet, waste can occur if operators apply too much adhesive to the part. Not only is this costly but it can also negatively affect product quality.

The answer is SABA's state of the art computerized monitoring system. Via this system our customers know exactly how much adhesive is being used at all times and the system also calculates the adhesive cost for each part being produced.

## THE MONITORING SYSTEM



The SABA Adhesive Monitoring System is simple and provides management with instant access to adhesive cost data via a secure web based software application. Working in conjunction with our delivery system, the amount of adhesive being consumed is captured by the system's on board computer and production data is entered by plant personnel. The system makes all the calculations and now you finally have control over your adhesive applications.

- > Monitors adhesive consumption during production
- > Calculates adhesive cost per unit produced
- > Data transmitted wirelessly for management reporting

## VISUAL INDICATOR

To assist personnel on the plant floor the SABA Adhesive Monitoring System is installed with a visual indicator of application efficiency. A traffic light style light stack gives adhesive applicators and production supervisors instant feedback on application efficiency.

SABA can also provide you with daily monitoring service. An efficiency report can be emailed to the appropriate parties each morning detailing the usage data from the previous day. We can also monitor your usage during the course of the work day and alert you to any inconsistencies.



**RED** - System is running inefficiently  
– too much adhesive is being used for current production rate.

**YELLOW**- System is approaching inefficiency  
– adhesive consumption per piece has gone above the optimal level.

**GREEN** - System is operating efficiently  
– Optimal amount of adhesive is being used for current rate of production.

# Dedicated to foam bonding

Celebrating 75 Years of Success

SABA is internationally recognized as the leading specialist in the field of foam bonding. Our slogan "SABA, a strong bond" refers not only to the excellent technical bond of our adhesives, but also to the strong bond between our customers and SABA. Our aim is to partner with our customers to reduce their costs through consultation on application processes, use of technologically advanced application equipment and, if desired, by tailoring our products to their specific needs.

"To contribute to a sustainable competitive position of our customers by optimizing their foam bonding processes", that is SABA's mission.

As an innovator SABA believes in investing in its future via research and development. In fact, 7% of SABA's annual budget is allocated to this effort allowing its team of chemists to continually develop break through products. SABA also places unmatched focus on producing the highest quality products. SABA is ISO 9001 and ISO 14001 certified and operates two modern production facilities.

## SLEEP PRODUCTS



When product quality and comfort are your primary concerns, the SABA Foam Bonding Solution is the answer. Several of the nations leading sleep product manufacturers are already realizing the following key benefits:

- > Softer bond lines compared to hot melt and other water-based adhesives
- > Rapid bonding for faster production
- > Safer and healthier environment for employees

In a time when cost pressures are weighing heavily on our domestic furniture manufacturers, many of them are finding added economic relief through the SABA Foam Bonding Solution.

- > Proven cost savings - up to 40% with real US customers
- > Extremely high initial bonding strength
- > Increased throughput with single sided bonding

## FURNITURE



## FOAM FABRICATING



When foam fabrication is the core of your business, versatility is imperative. The SABA Foam Bonding Solution gives you more control and flexibility than ever before.

- > Substantial overspray reduction for cleaner working environment
- > Precise spray pattern control for production flexibility
- > Excellent bonding to a wide range of substrates



# A TOTAL TURNKEY SOLUTION

When you choose the SABA Foam Bonding Solution you'll receive a complete turn-key system, including all delivery and application equipment at no upfront cost. Also included in the program are:

- > Substantial material and cost savings
- > Enhanced finished product
- > Improved employee health
- > Improved air quality

You can rest assured that with this system there is no costly repair and maintenance or extended periods of downtime. SABA provides you with a complete turnkey solution and provides all the maintenance and support. Additionally our customers are supplied with backup spray guns and spare parts along with expert on site training to virtually eliminate the risk of downtime.

## PUT US TO THE TEST!

See for yourself first hand how the SABA Foam Bonding Adhesive Solution can save you money, and finally give you control over the adhesive application process.

SABA will install its complete Foam Bonding Solution and precisely monitor your adhesive consumption and production over a 30 day period. At the end of the testing period, we'll provide you with a comprehensive report detailing your increased efficiency and associated cost savings. Be a part of the revolution today! Call us today at 1-810-824-4964.



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