



PANEL LAMINATION BEYOND LIMITS



EXPECT MORE

Exceeding your current expectations and achieving a more efficient and cost effective production bonding process is our commitment to you. To deliver improvements in your laminated panel production bonding operations, we bring you a global knowledge of production bonding and a support team in your country. Our experts are available worldwide to discuss your needs and wishes. Whether it is to improve certain aspects of your existing process, to set up a new production, develop new products, or to make a bonding process review, Sika has the experts to help you.

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INCREASE YOUR VALUE

INCREASE THE VALUE in your panel production with the help of Sika's 30 years experience worldwide. You can implement state of the art solutions with the support of Sika's global expertise and local presence. A winning combination.

PRODUCTS

YOU CAN BE CONFIDENT in realizing the benefits arising from a wide range of adhesive product solutions to select from.

- Wide product portfolio and product adaptations
- Proven solutions for a broad range of applications

SERVICES

PEOPLE AND FACILITIES ready to provide you with support in product selection, testing and evaluation of adhesive solutions and production engineering.

- Expert Technical Service teams to support you in product selection, testing and implementation
- System Engineering teams to support your bonding process equipment development
- Application Centers with bonding production equipment to test your solutions

INNOVATION

NEW SOLUTION ADHESIVES and production bonding technology are developed to enhance the value in your products.

- New adhesive solutions to suit your specific needs
- Support with technology change

PRODUCTS, SERVICES AND INNOVATION ARE THE CORE VALUES THAT HAVE MADE SIKA THE PARTNER OF CHOICE FOR CUSTOMERS IN MANY COUNTRIES AROUND THE WORLD.

EXPECT MORE WITH LESS

EXPECT MORE, BOTH IN TERMS OF PANEL PERFORMANCES AND PANEL PRODUCTION.

Manufacturers and users of adhesively bonded panels require improved product performances, such as fire protection, noise, energy efficiency, light weight, strength and durability. At the same time, panel producers require increasingly efficient and cost-effective production. Higher performances and lower unit costs are in reach with Sika.



30 % FASTER PRODUCTION SPEED

FOR TRANSPORTATION PANELS PRODUCED WITH VERSATILE SikaForce® 3-COMPONENT POLYURETHANE SYSTEM



IMMEDIATE PANEL HANDLING

COMBINED WITH LONG TERM DURABILITY USING SikaMelt® HOT MELT POLYURETHANE ADHESIVES



A2:s1:d0 EUROCLASS REACTION TO FIRE

ON CONTINUOUS PANEL LAMINATION PRODUCTION LINES WITH SikaForce® SANDWICH PANEL SYSTEMS



30 % LESS ADHESIVE WEIGHT

AND FASTER CYCLE TIMES WITH SikaMelt® HOT MELT ADHESIVE SOLUTIONS

BUILDING AND CONSTRUCTION



INTERIOR PANELS

Fast production speed and high quality surface finish of interior laminates

- Immediate handling in production with SikaMelt®
- High gloss, high flatness panels



STEEL FACED PANELS

Efficient lamination of steel faced building panels

- High speed production with SikaForce®
- Meet Euroclass A2:s1:d0 reaction to fire



INSULATION PANELS

Roof, wall and floor insulation panel bonding solutions

- Versatile production with a range of materials
- Fire retardant and classification free grades



ENHANCED PRODUCT AND MANUFACTURING PERFORMANCES ARE DEMANDED BY DESIGNERS AND PRODUCERS OF BONDED BUILDING AND CONSTRUCTION PANELS. WHETHER IT IS IMPROVING FIRE PERFORMANCE, NOISE ATTENUATION, OR PRODUCTION EFFICIENCY, HAVING A RANGE OF ADHESIVE SOLUTIONS TO SELECT FROM AND THE KNOW-HOW TO HELP YOU IMPLEMENT THEM MEANS THAT YOU CAN BE CONFIDENT TO ACHIEVE THE OPTIMUM SOLUTION WITH SIKA.



Key Products

SikaForce®	One- two- and three-component polyurethane adhesives for sandwich panel bonding
SikaMelt®	Reactive and non-reactive polyurethane, polyolefin and pressure sensitive hot melt adhesives for fast process lamination
SikaSense®	Water and solvent based adhesives for a range of laminating applications

OVER 25 MILLION M²

OF BUILDING AND CONSTRUCTION PANELS ARE PRODUCED EVERY YEAR WITH SIKA ADHESIVE SOLUTIONS

TRANSPORTATION



TRAILER PANELS

Efficiency in trailer panel production and durability in panel performance

- High productivity with SikaForce® panel lamination
- Excellent process control for repeatable results



LIGHTWEIGHT, STRONG AND DURABLE PANEL CONSTRUCTIONS ARE DEMANDED BY USERS AND OWNERS OF MODERN VEHICLE BODIES. MANUFACTURERS SEEKING TO FIND IMPROVEMENTS OFTEN TURN TO SIKA TO IMPLEMENT OR DEVELOP ENHANCED SOLUTIONS SUCH AS FASTER BUILD TIMES, INCREASED STRENGTH AND AT THE SAME TIME WITHOUT INCREASING UNIT COST.



MARINE PANELS

High quality panel lamination solutions for marine applications

- Adhesion to a wide range of substrates
- Fire retardant grades



CARAVAN PANELS

High speed caravan and motorhome panel bonding

- Faster cycle times in production
- SikaMelt® reactive hot melt solutions for long term durability



Key Products

SikaForce®

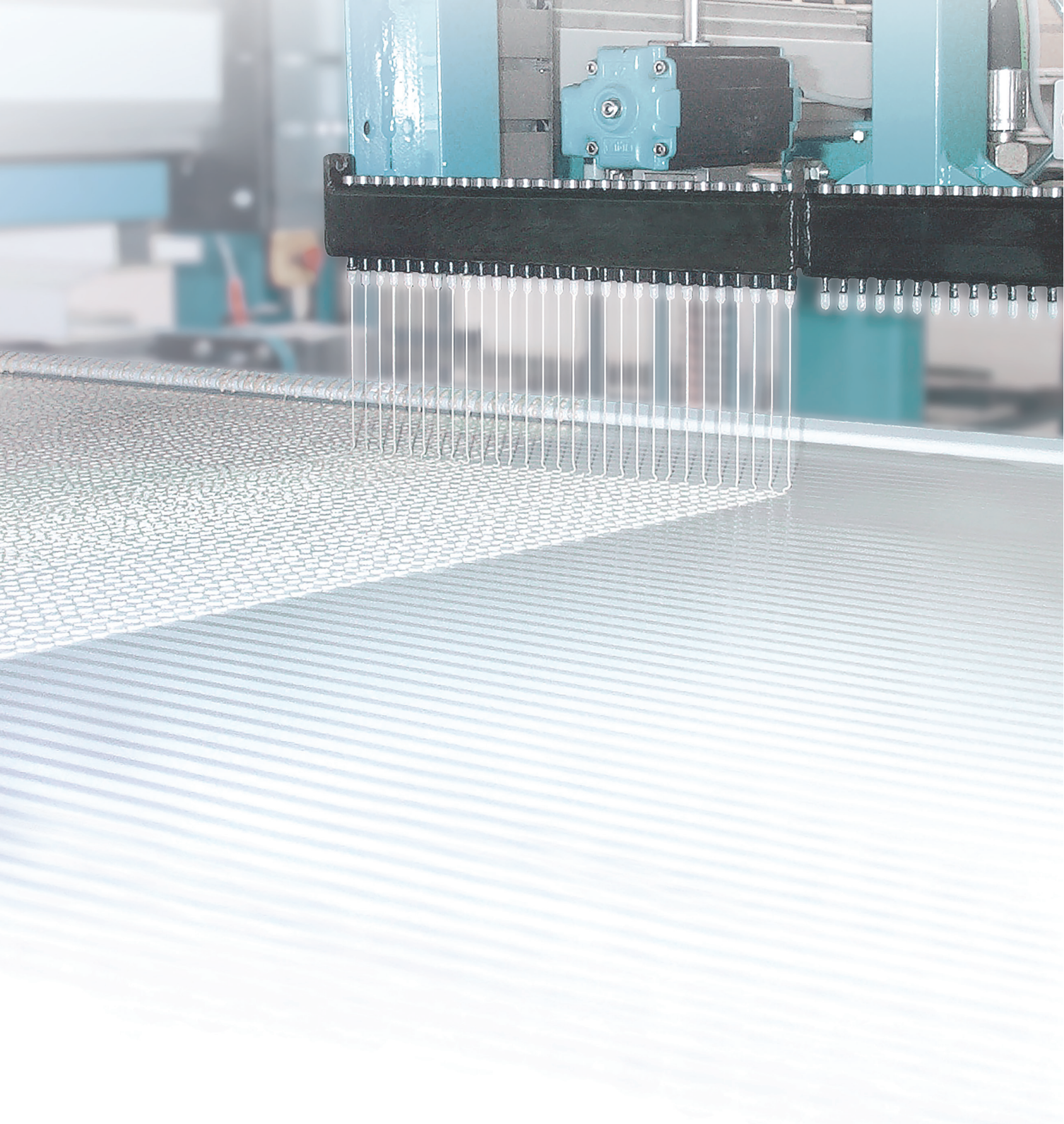
One- two- and three-component polyurethane adhesives for sandwich panel bonding

SikaMelt®

Reactive polyurethane hot melt adhesives for fast process lamination and durability

**MORE THAN
100,000**

TRAILERS BODY PANELS ARE LAMINATED EACH YEAR USING SIKA PRODUCT SOLUTIONS



MORE ON SIKA INDUSTRIAL LAMINATION:
www.sika.com/lamination

“BEYOND OUR EXPECTATIONS”

Is how Martin Wolstencroft, former Director and Production Manager of CVR Limited put it. “We gave Sika the opportunity to submit proposals for how the adhesive production could be improved [...] you never know how a future cooperation will work out, but we have only had positive experiences in our cooperation with Sika.”

GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE INFORMATION:



www.sika.com/lamination

WHO WE ARE

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 93 countries around the world and manufactures in over 170 factories. Its more than 17,000 employees generated annual sales of CHF 5,49 billion in 2015.

Our most current General Sales Conditions apply.
Please consult the Data Sheet prior to any use and processing.



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BUILDING TRUST

