



# OFFSITE CONSTRUCTION

SOLUTIONS FOR MODULAR BUILDING

**BUILDING TRUST**



# SOLUTIONS FOR OFFSITE

An introduction

Delivering construction solutions that not only meet the most demanding specifications of the building industry but also improving manufacturing **EFFICIENCY AND QUALITY** is Sika's commitment to offsite manufacturers.

With **OVER 100 YEARS** of experience in the **CONSTRUCTION INDUSTRY**, Sika has a long track record of success as a complete system and problem solution provider on many projects around the world. With extensive technical expertise and solid practical experience on every continent and in all types of climate and environment, Sika is a highly qualified and reliable partner for all of your manufacturing needs.

In addition, Sika has unrivaled experience in many **MANUFACTURING APPLICATIONS**, such as Automotive, Transportation, Marine, Appliances and Renewable Energy.

We go beyond the supply of materials; we can assist with the development, testing, and design, through to supporting your implementation and **PROCESS OPTIMIZATION** in your production.

Sika is the **GLOBAL TECHNOLOGY** and market leader in **SPECIALIST CHEMICALS** for building and construction, providing products and complete system solutions for architectural and structural concrete, structural waterproofing, steel corrosion and fire protection, roof waterproofing, structural glazing, flooring and wall finishes, sealing and bonding, damping and reinforcing, plus so much more.

All this, of course, will help you deliver your projects more efficiently, **MEETING THE HIGHEST SPECIFICATION**, and with Sika as your partner, you will be ready to meet the increasing demands of the future.

# SOLUTIONS TO YOUR CHALLENGES

## SINGLE SOURCE

SOLUTIONS FOR THE ENTIRE BUILDING ENVELOPE



## AUTOMATION

FOR REDUCTION IN LABOR COSTS



**FAST** PRODUCTION TIME TO REDUCE CYCLES AND INCREASE OUTPUTS



FASTER PRODUCTION RESULTING IN **COST SAVINGS** FOR THE CUSTOMER



ACOUSTIC SOLUTIONS TO AID **NOISE REDUCTION** AND IMPROVE COMFORT



**HIGH QUALITY** PRODUCTS AND SERVICE TO MEET LOCAL AND INTERNATIONAL BUILDING REGULATIONS



EXPERT SPECIFICATION SUPPORT COMBINING **INDUSTRY KNOW-HOW** WITH CONSTRUCTION PRODUCTS



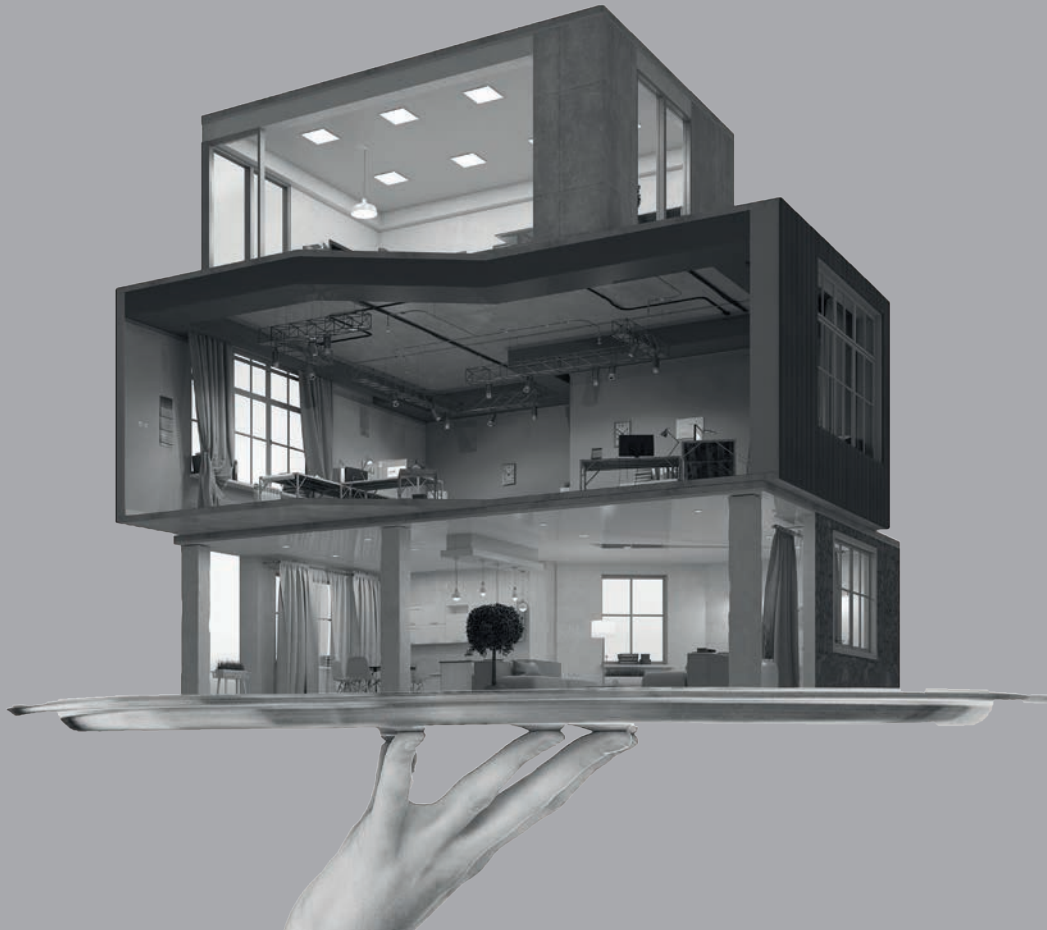
IMPROVE **STRUCTURAL INTEGRITY** AND REDUCE WEIGHT BY THE USE OF ADHESIVES



REDUCE MATERIAL HANDLING AND WASTE FOR A MORE **SUSTAINABLE MANUFACTURING PROCESS**



ONLY **SIKA** CAN PROVIDE CUSTOMERS WITH ALL THIS





# EXTERIOR APPLICATIONS

1



Insulation, cavity filling, pipe outlets, pipes, air conditioning

2



3

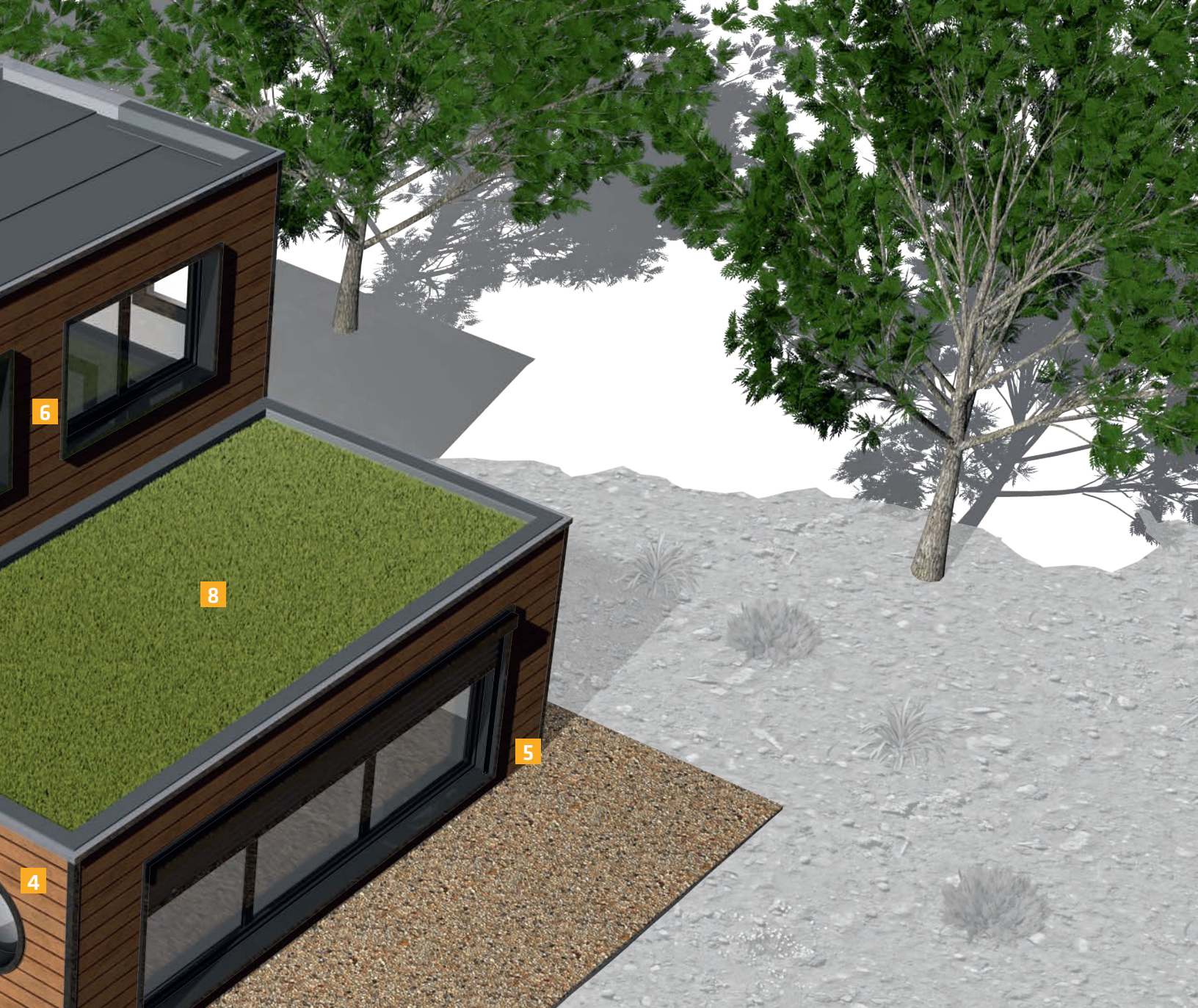


Peripheral sealing of doors, windows and joinery

4



Non-permanent seals



6

8

5

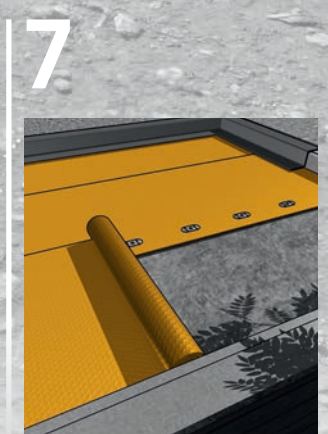
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Anchoring adhesives



Expansion tapes and membranes around door frames and windows



Sealing of roof terraces with membranes and liquid applied solutions

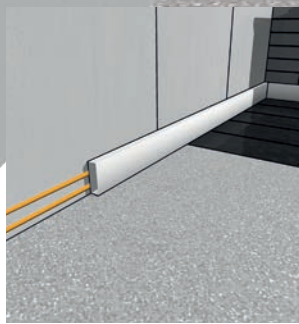


Waterproofing roof terraces (green roofs)



# INTERIOR APPLICATIONS

1



Baseboard bonding

2



Insulation, cavity filling and airtight sealing

3



Peripheral sealing of doors, windows, joinery

4



Non-permanent seals

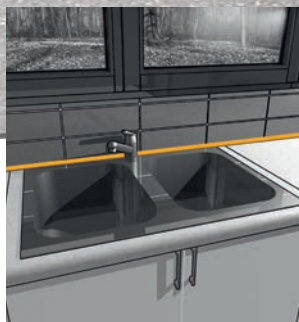


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Sandwich panel adhesives

6



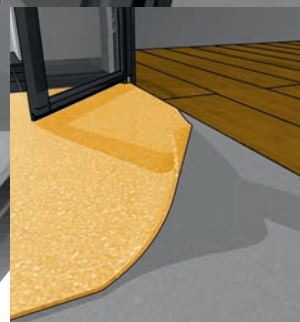
Sanitary sealants

7



Floor and wall tiling sealants and adhesives

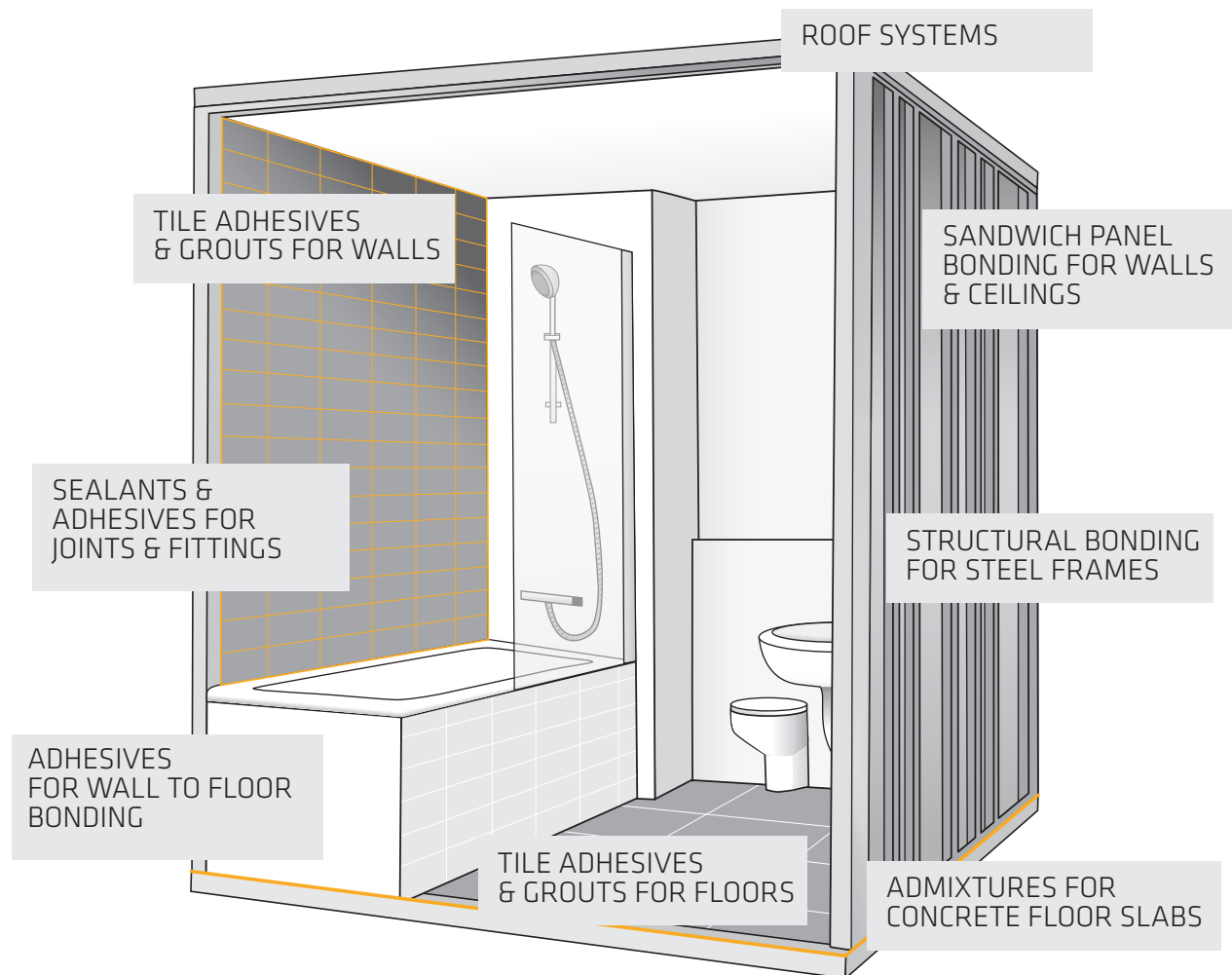
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Soft floor and wood floor bonding

# WET ROOM SYSTEMS

For the bathroom pod manufacturer



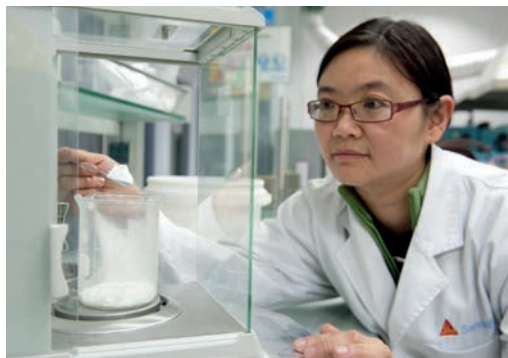


# YOUR INNOVATION PARTNER

Sound solutions for your applications needs

WITH SIKA'S R&D ACTIVITIES SPANNING THE FIELDS OF CONCRETE ADDITIVES, CEMENTITIOUS MORTARS, SEALANTS, ADHESIVES AND CONSTRUCTION COATINGS DEVELOPMENT, SIKA IS WELL POSITIONED TO SUPPORT INNOVATIONS IN OFFSITE AND MODULAR CONSTRUCTION.

As an innovation partner, we can bring global expertise that enables manufacturers to achieve faster production, greater resilience, weight reduction, lowered carbon footprints, and enhanced durability that leads to longer lifespans.



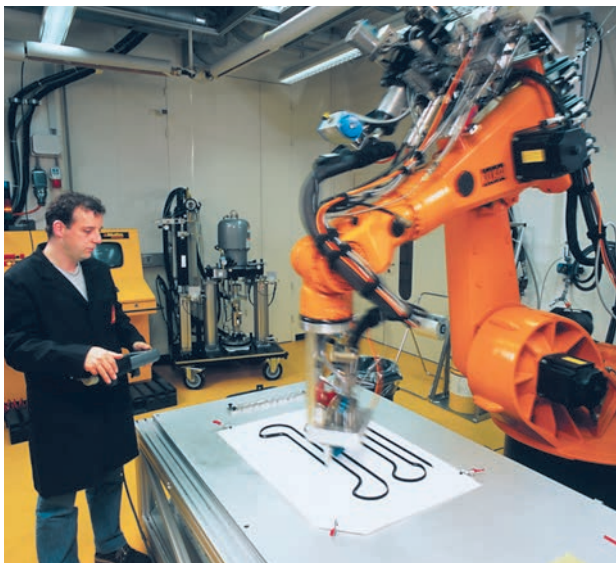
# DEDICATED TECHNICAL SUPPORT

## Modular Building Business Unit

SIKA'S MODULAR BUILDING TEAM, OFFERS CUSTOMIZED SERVICES FOR OFFSITE MANUFACTURERS WHERE CONSTRUCTION SOLUTIONS NEED AN INDUSTRIAL APPROACH.

Experts from key areas of our business, will collaborate to help you drive value and efficiency throughout your manufacturing processes with our extensive range of solutions optimized for your production line.

Sika offers the industry's widest product ranges for waterproofing, roofing, flooring, concrete, sealing, bonding, fire protection, and protective coatings. Whether you are creating modules for commercial, retail, education, healthcare, or residential sectors, you can be sure that Sika has the best solution for your needs.



WE HAVE SPECIALISTS IN R&D, AND A POWERFUL TECHNICAL DEPARTMENT WHO DEVELOP SOLUTIONS FOR THE FUTURE. WE ARE FULLY EQUIPPED TO ASSIST YOU IN IMPROVING YOUR PRODUCT QUALITY AND MANUFACTURING PROCESSES.

### MARKET FIELD ENGINEERING

- We provide on-site support and on-the-job training
- We support engineering, application methods, observe customer needs and initialize new innovations

### PRODUCT AND TECHNOLOGY ENGINEERING

- We conduct extensive testing and investigations to ensure high quality of the products during the entire product life cycle

### SYSTEM ENGINEERING

- Our expert application know-how fully exploits the potential of Sika products throughout your manufacturing process



# INDUSTRIAL KNOW-HOW

Look how we are adding value in other manufacturing industries

BUS DESIGN:

**176 lb. WEIGHT REDUCTION**

WITH Sikaflex® LOW DENSITY ADHESIVES AND SEALANTS



HOME APPLIANCES:

**50% MATERIAL SAVINGS**

WITH SikaMelt® PRODUCTS



TRUCK CABINS:

**25% NOISE REDUCTION**

WITH SikaBaffle® AND SikaDamp® ACOUSTIC SYSTEMS



SANDWICH PANEL PRODUCTION:

**30% FASTER** WITH

SikaForce® 3-COMPONENT SYSTEMS



IN SITU REPAIR OF WIND

TURBINE BLADES:

**1 HOUR** WITH

SikaForce® AND Sikadur® REPAIR SYSTEMS



FRAME SIZE REDUCTION:

**30% SMALLER** WITH

STRUCTURAL Sikasil® GLAZING ADHESIVES



MARINE:

**60% APPLICATION TIME SAVINGS** WITH

Sikafloor® Marine UNDERLAYMENT SYSTEMS



AUTOMOTIVE:

**450K TONS**

OF STEEL CAN BE SAVED EACH YEAR BY USING SIKA TECHNOLOGY WITH EXISTING PROCESSES



MARINE VESSELS:

**UP TO 60DB NOISE REDUCTION** WITH Sikafloor®

Marine FLOATING FLOOR SYSTEMS



# GLOBAL BUT LOCAL PARTNERSHIP



Sika® is a globally active company supplying the specialty chemicals markets. It is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures in construction (buildings and infrastructure construction) and in industry (vehicle, building components, equipment production, solar and wind power).

Sika's® product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring and membranes. Subsidiaries in more than 101 countries worldwide and approximately 18,000 employees link customers directly to Sika®.

## START WITH SIKA THROUGH ANY OF THE CONTACT POINTS BELOW:

### **NORTH AMERICAN PLANT LOCATIONS**

Eaton Rapids, MI  
Lakewood, New Jersey  
Lyndhurst, New Jersey  
Marion, Ohio  
Grandview, Missouri  
Montreal, Quebec

### **SIKA INDUSTRY**

30800 Stephenson Highway  
Madison Heights, MI 48071  
(248) 577-0020

### **CONTACT US:**

[www.sikaindustry.com](http://www.sikaindustry.com)

### **GENERAL**

(248) 577-0020

### **CUSTOMER SERVICE**

1-800-688-7452

### **TECHNICAL SERVICE**

[tsmh@us.sika.com](mailto:tsmh@us.sika.com)

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of Sika products are subject Sika's Terms and Conditions of Sale available at <http://usa.sika.com/> or by calling 201-933-8800.