



SEALANTS

Sikaflex[®] HY 100

HIGH PERFORMANCE HYBRID SEALANT

BUILDING TRUST



ULTIMATE VERSATILITY FOR THE MOST DEMANDING PROJECTS

SIKA'S SIKAFLEX HY 100, PART OF THE SIKA BRAND PORTFOLIO, IS A SILYL TERMINATED POLYURETHANE HYBRID SEALANT, FORMULATED WITH UNIQUE SIKA POLYMERS. It combines the performance properties offered by both urethane and silicone chemistries to create a highly durable, weather resistant, paintable sealant. These properties also enable excellent unprimed adhesion to many substrates, high movement capability, and workability.

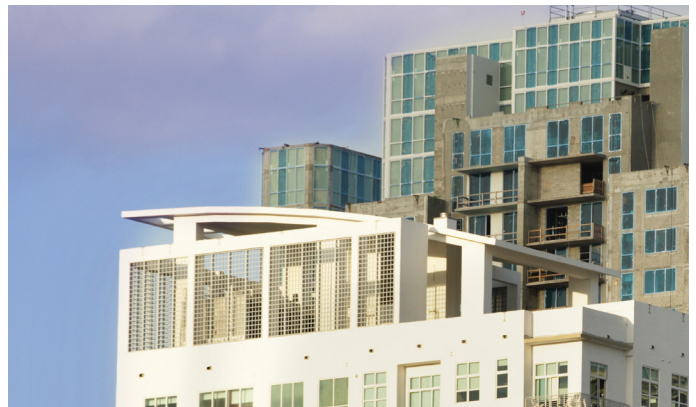


THE MOISTURE CHALLENGE

Protecting buildings from moisture infiltration is a challenging job. When buildings leak, the results can be devastating. Moisture damage can disrupt the lives of building occupants, interrupt income streams for owners and create safety issues for the general public. For contractors, architects and engineers it can mean costly call backs, damaged reputations and strained relationships. Failure to properly protect buildings wastes time, money and resources.

SAFEGUARDING CONNECTIONS

Buildings are becoming more complex. Increased focus on energy efficiency, air quality and occupant comfort have combined with ever evolving design. The result is more intricate assemblies and new materials being used together on building exteriors, creating increased opportunities for moisture infiltration. Sealants play an important role in protecting and preserving buildings - providing the critical link between the various building materials used on building exteriors. The key to long lasting performance is choosing the right product and installing it correctly.



THE ANSWER TO TODAY'S BUILDING COMPLEXITIES

Sikaflex HY 100 sealant can simplify sealant selection and installation by offering exceptional versatility and long lasting performance. Formulated utilizing a unique hybrid technology, it bonds tenaciously to a wide variety of substrates - including those that are notoriously difficult to bond to. It also has high movement capability, expanding and contracting by more than 50%.

Furthermore, its published performance is validated by the Sealant Waterproofing and Restoration Institute. Sikaflex HY 100 is the ideal choice for the diverse requirements of your projects with its high performance, outstanding weatherability, custom color options, paintability, and ease of use.

ULTIMATE SUBSTRATE AND APPLICATION VERSATILITY

Sikaflex HY 100's unique chemistry enables strong adhesion to a broad range of substrates in a wide variety of conditions. This long lasting, strong adhesion is the first step in keeping joints sealed, and preventing future problems. The versatility offered by Sikaflex HY 100 makes it an ideal option for projects with many different substrates - helping to simplify your sealant selection process.

- Concrete
- Coated metals
- PVDF coatings
- Aluminum
- Vinyl
- Fiber cement siding
- Steel
- Acrylic glass
- Masonry
- Stucco
- EIFS
- Stone
- Numerous additional substrates

 DURABILITY & IMPROVED AESTHETICS IN ANY CLIMATE

Prolonged exposure to sunlight and other weather elements causes many sealants to deteriorate over time, compromising their ability to protect structures. Sikaflex HY 100 is formulated to provide exceptional durability that resists chalking, fading and cracking over time. To preserve a structure's aesthetic features, Sikaflex HY 100 also offers excellent color retention, stain resistance and is compatible with a wide variety of elastomeric coatings and latex paints.

FASTER PROJECT COMPLETION

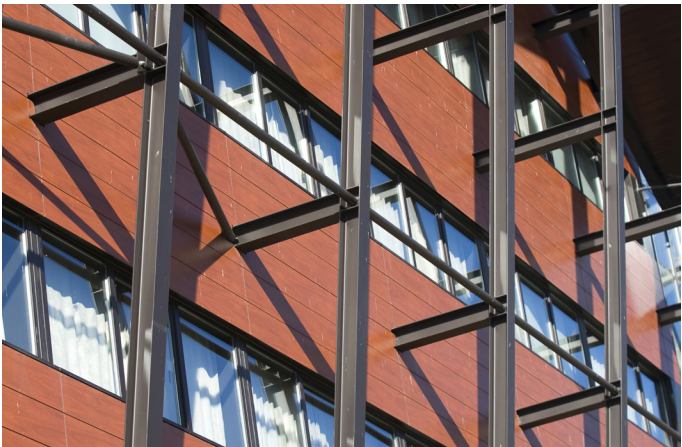
Proper installation is critical to the performance of joint sealants. Materials that are easy to apply assist with proper installation. Sikaflex HY 100 is easy to gun and tool, resulting in neater beads and joints while reducing fatigue during the installation process. Sikaflex HY 100 is fast curing (tack free time is less than 60 min) and can be painted soon after installation, further speeding up the project. It is available in bulk packaging, to improve production rates.

LOWER BUILDING MAINTENANCE COSTS

Sikaflex HY 100 is engineered to accommodate movement that occurs on building exteriors like settlement, wind loading, weather fluctuations and substrate shrinkage. The low modulus design of this sealant minimizes the stress created on the substrate bond line as structures move. It remains flexible to allow for expansion and contraction of greater than ±50%. This high movement capability helps keep joints sealed and prevents the passage of air and moisture, helping reduce maintenance costs.

 REDUCED EMISSIONS

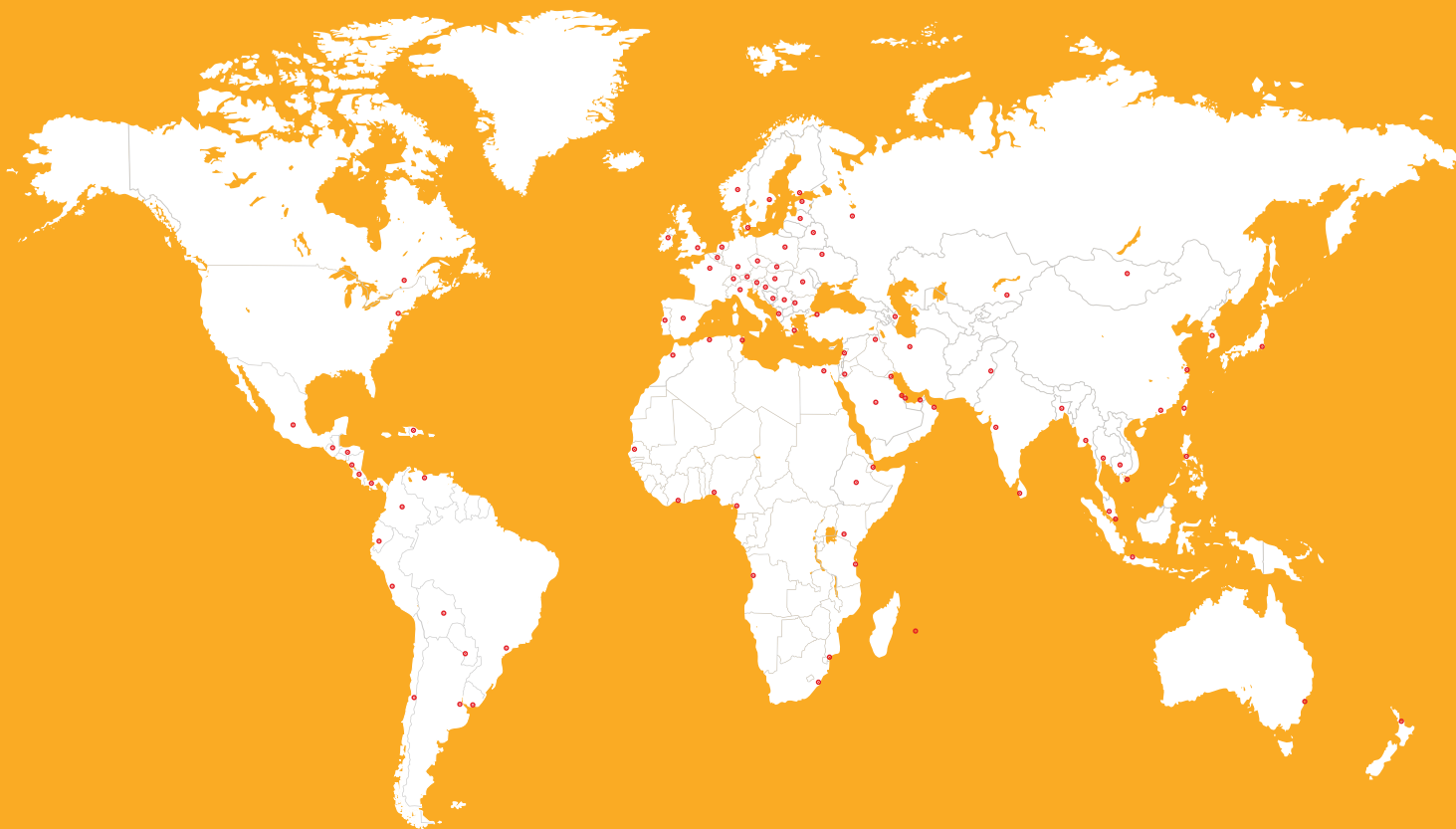
Sika cares about the health and safety of building occupants, and wants to support customers striving to achieve LEED certification for their buildings. A third-party lab conducted emissions testing on Sikaflex HY 100, and confirmed that it complies with the VOC content requirement for the Indoor Environmental Quality Low Emitting Materials credit.



PACKAGING FPO

ICON	IMPACT	STANDARD
	EMISSIONS	Compliant with CDPH/EHLB/Standard Method Version 1.1, 2010 for school classroom, private office, single family residence scenarios
	DURABILITY	ASTM C 510, C 719, C 794, G 155

GLOBAL BUT LOCAL PARTNERSHIP



WE ARE SIKA

With more than 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for commercial and residential construction, as well as the transportation, marine, automotive, and renewable energy manufacturing industries.

Sika has offices in 103 countries with over 400 manufacturing facilities and more than 33,000 employees worldwide. With annual sales of CHF 11.24 billion in 2023, our commitment to quality, innovation, and the environment as well as putting our customer's needs first, encompasses why Sika is the global leader in our industries.



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

© 2024 Sika, 09.3291.5 rev 06/2024

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071 USA
Phone 201-933-8800
usa.sika.com

BUILDING TRUST

