



# SEALANTS

## Sikaflex<sup>®</sup> HY 150

### HYBRID TECHNOLOGY

BUILDING TRUST





# THE SEALANT PREFERRED BY RESTORATION PROFESSIONALS

**THE ORIGINAL HYBRID** — originally developed and introduced under the Sonneborn® brand in 1998, Sikaflex HY 150 holds the prestigious title of being the first true hybrid Joint Sealant to gain acceptance in the North American commercial construction market. With an ability to accept significant thermal movement, a surface that readily accepts acrylic coatings and an inherent ability to bond to plastics, metals, and existing sealant residues, Sikaflex HY 150 is truly the “Preferred Sealant” of restoration professionals.

## **LONG TERM HIGH PERFORMANCE – SPECIFIERS PREFER IT**

And it's been a long love affair. Since its introduction its success has spawned many imitators. The unique properties of Sikaflex HY 150 have proven over time that it has the adhesion, flexibility, compatibility with coatings and durability needed to provide a long-term watertight seal you can depend on.

## **SIKAFLEX HY 150**

A unique high performance, one-component, non-sag sealant with excellent movement capability and excellent unprimed adhesion to non-porous materials. The combination of movement capability and rapid paintability make this the ideal sealant for restoration and anywhere coatings are used in combination with sealants.

## **EASY TO USE – CONTRACTORS PREFER IT**

The high performance of Sikaflex HY 150 combined with ease of application maximizes profits, reduces contractor callbacks and creates showcase projects that speak for themselves. It's the ideal sealant for your restoration tool kit.

## **SIKAFLEX HY 150 TINT BASE**

A multi-component, non-sag, high performance sealant, Sikaflex HY 150 Tint Base combines excellent movement capability with the availability of 470 colors to match any substrate. It's easy to mix, gun and tool, and can be painted as soon as it skins resulting in faster turnaround on time-sensitive projects.

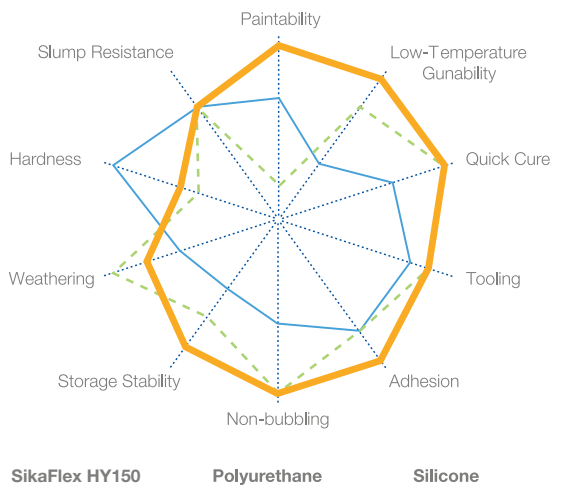
## **SUSTAINABLE RESTORATION – BUILDING OWNERS PREFER IT**

The superior weather resistance, good adhesion to a wide range of materials including architectural coatings, and extended life cycle of Sikaflex HY 150 joint sealant make it essential for sustainable repairs and long term integrity.

## **CALCULATING YOUR SAVINGS**

- Expansion and construction joints in precast concrete panels and in-situ concrete
- Brick and masonry joints
- Cladding and metal curtain wall joints
- Marble, granite and GFRC facade joints
- Metal and plastics
- Doors, window and siding
- EIFS





### HYBRID TECHNOLOGY: THE BEST OF SILICONE AND POLYURETHANE

Sikaflex HY 150 combines the best properties of polyurethane and silicone sealants. This unique hybrid chemistry was specifically chosen for its high performance characteristics such as movement, adhesion, paintability and bonding.

#### SOLVENT-FREE = ENVIRONMENTALLY SAFE

Sikaflex HY 150 meets federal AIM/VOC regulations with a VOC content next to zero. With little or no detectible odor, it is ideal for interior work for LEED projects.

#### ENGINEERED TO STICK

Superior long term adhesion to a wider range of substrates. With a low modulus and superior adhesion, Sikaflex HY 150 sticks better to more types of substrates including mortar, stone, metals and plastics. Its high solids content eliminates shrinkage and it will not separate from the substrate even after years of weathering.

#### DESIGNED TO LAST

Weather resistance and durability Sikaflex HY 150 has superb durability and resists cracking, splitting, discoloration and adhesion failure from expansion and contraction of building joints year after year.

#### BUILT FOR HANDLING

Easy application means more successful results Sikaflex HY 150 is easy to work and tool, making application amazingly simple. The result: neater beads and joints, thereby improving the aesthetics of your project.

#### LOW TEMPERATURE GUNNABILITY

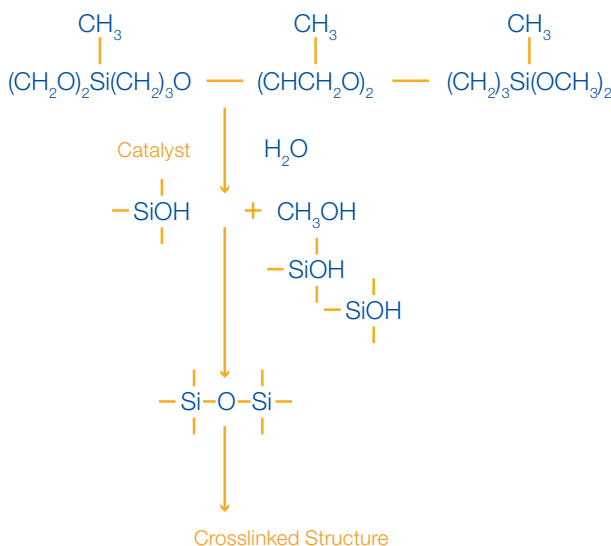
Sikaflex HY 150 is less dependent on temperature changes than most sealants, producing easy and consistent gunnability and less fatigue during the application process.

#### ENHANCED AESTHETICS

The superior paintability and non-staining characteristics of Sikaflex HY 150 improve building aesthetics. You can easily match any color through either custom tints or choose from our full line of standard colors. Anyway you look at it, buildings look great longer.

#### IT'S ALL IN THE CHEMISTRY!

Sikaflex HY 150's hybrid technology offers the best of both urethane and silicone technologies. Created from STPe chemistry, a high molecular weight polypropylene oxide is capped with allyl and hydrosilylated producing a methyldimethoxysilyl end-capped polyether. The polyether chain imparts good storage stability and durability while methyldimethoxysilyl functional groups offer high reactivity. Unlike polyurethanes, aminosilanes can be used to provide superior adhesion to a variety of substrates. During cure, methoxysilane functional groups react with moisture liberating methanol producing silanol groups. These silanols further react with other silanols or methoxysilanes producing siloxane linkages. The curing mechanism is illustrated above. Though siloxane linkages are produced, Sikaflex HY 150's main chain is polyether which, unlike silicone sealants, provides superior paintability.



# 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 subsidiaries in 102 countries around the world and, in over 400 factories, produces innovative technologies for customers worldwide. In doing so, it plays a crucial role in the transformation of the construction and transportation sector toward greater environmental compatibility. With more than 34,000 employees, the company generated sales of CHF 11.76 billion in 2024.



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