



# Your Requirements are our Challenge.

Sikaflex® adhesives and sealants meet all requirements of the marine industry for the construction of leisure boats, luxury yachts, RIB's, passenger liners, ferries, fishing boats, tankers, cargo ships, bulk carriers, container ships, working boats, canoes, oil rigs, etc.

Sika Industry is committed to the highest standards of marine products in combination with outstanding services – all over the world.

The term i-Cure® stands for "intelligent curing" and is the chemical base for advanced cross linking technology for polyurethane sealants and adhesives. This patented and proprietary technology base presents the next generation of elastic adhesives and sealants; providing a product that has a reduced VOC footprint and reduced isocyanates.

### Best Recommended Sika Products

- 1 Sikaflex®-292i  
SikaForce® Series  
for structural bonding

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- 2 Sikaflex®-290i DC  
for caulking

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- 3 Sikaflex®-295 UV  
for bonding of organic "glass"

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- 4 Sikaflex®-296  
for bonding of mineral glass

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- 5 Sikaflex®-291  
for general sealing

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- 6 Sikaflex®-295 UV  
for UV sensitive exterior sealing

Additional product technical information on back



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# Sika® Marine Sealants and Adhesives Product Comparison Chart

The following Sika® Marine product technical comparison chart is designed for use in determining the best suited Sika sealant or adhesive for the wide variety of substrates and product applications in the Marine industry.

Product	Sikaflex® -290i DC	Sikaflex® -291	Sikaflex® -291 LOT	Sikaflex® -292i	Sikaflex® -295 UV	Sikaflex® -296
<b>Product Description</b>	UV resistant moisture cure polyurethane sealing compound for caulking of joints	Fast curing general all-purpose moisture cure polyurethane sealant and adhesive	General all-purpose polyurethane sealant and adhesive designed for long open time jobs	High strength, high thixotropy moisture cure polyurethane adhesive	UV resistant non-chalking moisture cure polyurethane adhesive/sealant	UV resistant high strength moisture cure polyurethane adhesive with outstanding working characteristics
<b>Substrates</b>	Effective sealing compound for aluminum, steel, fiberglass, wood substrates	Excellent adhesion to gelcoat, fiberglass, metal and wood	Excellent adhesion to gelcoat, fiberglass, metal and wood	Wide range of substrates including wood, primed metal and composites	Bonding adhesive for polycarbonate and acrylic windows	Bonds well to a wide variety of substrates
<b>Applications</b>	Joint sealing compound formulated for caulking joints in traditional timber marine decking	Light duty general marine sealant applications where fast cure time is important	Light duty general marine sealant applications where long open times are required	Multi-use adhesive for bonding applications including deck to hull, floors to subfloor, bulkheads, panels, walls, trims, styling elements	Suitable for bonding applications involving polycarbonate and acrylic windows	Suitable for use with all types of glass-based windows for marine direct glazing applications
<b>Chemical Base</b>	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
<b>Color</b>	Black	White, Black	White, Black, Mahogany	White	White, Black	Black
<b>Density</b>	10.8 lb/gal	10.8 lb/gal	10.6 lb/gal	10 lb/gal	10.3 lb/gal	10.1 lb/gal
<b>VOC</b>	0.29 lb/gal	0.43 lb/gal	0.38 lb/gal	0.58 lb/gal	0.11 lb/gal	0.53 lb/gal
<b>Non-Sag</b>	Semi-self leveling	Good	Good	Very Good	Good	Very Good
<b>Tack Free Time <sup>1)</sup></b>	70 minutes	60 minutes	3-5 hours	40 minutes	60 minutes	45 minutes
<b>Shrinkage</b>	3%	5%	N/A	6%	1%	<1%
<b>Shore A Hardness</b>	40	40	40-45	55	35	45
<b>Elongation at break</b>	600%	500%	700%	>300%	500%	450%
<b>Tensile Strength</b>	435 psi	260 psi	260 psi	550 psi	160 psi	870 psi
<b>Application Temp. Range</b>	40°F to 77°F	40°F to 105°F	40°F to 110°F	50°F to 95°F	50°F to 95°F	50°F to 95°F
<b>Service Temp. Range</b>	-40°F to 194°F	-40°F to 194°F	-40°F to 194°F	-40°F to 194°F	-40°F to 194°F	-40°F to 194°F
<b>Shelf Life</b>	12 Months	12 Months	12 Months	12 Months 6 Months pails	12 Months	9 Months
<b>Packaging</b>	600 ml unipac	600 ml unipac 400 ml unipac 300 ml ctg	400 ml unipac 300 ml ctg	300 ml ctg 4.5 gal pail	300 ml ctg	600 ml unipac

<sup>1)</sup> 73 °F (23 °C) / 50% r.h.

- This chart is meant for quick references only! Refer to the current Sika Product Data Sheet for up to date product information available at [www.sikausa.com](http://www.sikausa.com)

- For additional information on surface preparation, including the use of primers, please contact

your local Sika Distributor or Sika Representative

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