

SIKA
MARINE



THE
PROFESSIONAL'S
CHOICE



Sikaflex[®]-291i

CONFIDENCE IN YOUR TOOLBOX

- Simple and safe application
- Sea water and hydrolysis resistant
- Wide adhesion range

BUILDING TRUST



Sikaflex®-291i

PROVEN AND TRUSTED MARINE ELASTIC SEALANT WITH A LARGE OPERATIONAL TEMPERATURE RANGE AND GREAT WORKABILITY

Sikaflex®-291i is a multi purpose one-component sealant used in the boat and ship building industry. The sealant is suitable for elastic joints and vibration-resistant seals for interior applications. Its modulus allows bonding applications with limited stress and thanks to the wide adhesion range Sikaflex®-291i adheres to most common used substrates in the marine industry.

FEATURES AND BENEFITS

- Highly elastic
- Moisture curing
- Long open time
- For above and below water line use
- Can be painted
- Bonds well to a wide variety of marine substrates
- Solvent free
- IMO approved

TECHNICAL PROPERTIES

Chemical base	1-component polyurethane
Color (CQP001-1)	White, grey, black, brown
Cure mechanism	Moisture-curing
Density depending on color	1.3 kg/l
Non-sag properties	Good
Application temperature ambient	10 – 40 °C
Skin time (CQP019-1)	60 minutes ^A
Open time (CQP526-1)	45 minutes ^A
Shrinkage (CQP014-1)	2 %
Shore A hardness (CQP023-1 / ISO 7619-1)	40
Tensile strength (CQP036-1 / ISO 527)	1.8 MPa
Elongation at break (CQP036-1 / ISO 527)	700 %
Tear propagation resistance (CQP045-1 / ISO 34)	7 N/mm
Service temperature (CQP513-1)	-50 – 90 °C
	4 hours 120 °C
	1 hour 140 °C
Shelf life (CQP016-1)	12 months ^B



CQP = Corporate Quality Procedure
^{A)} 23 °C / 50 % r. h.
^{B)} storage below 25 °C



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