



Bostik

**GENERAL TRANSPORTATION
AND MARINE**

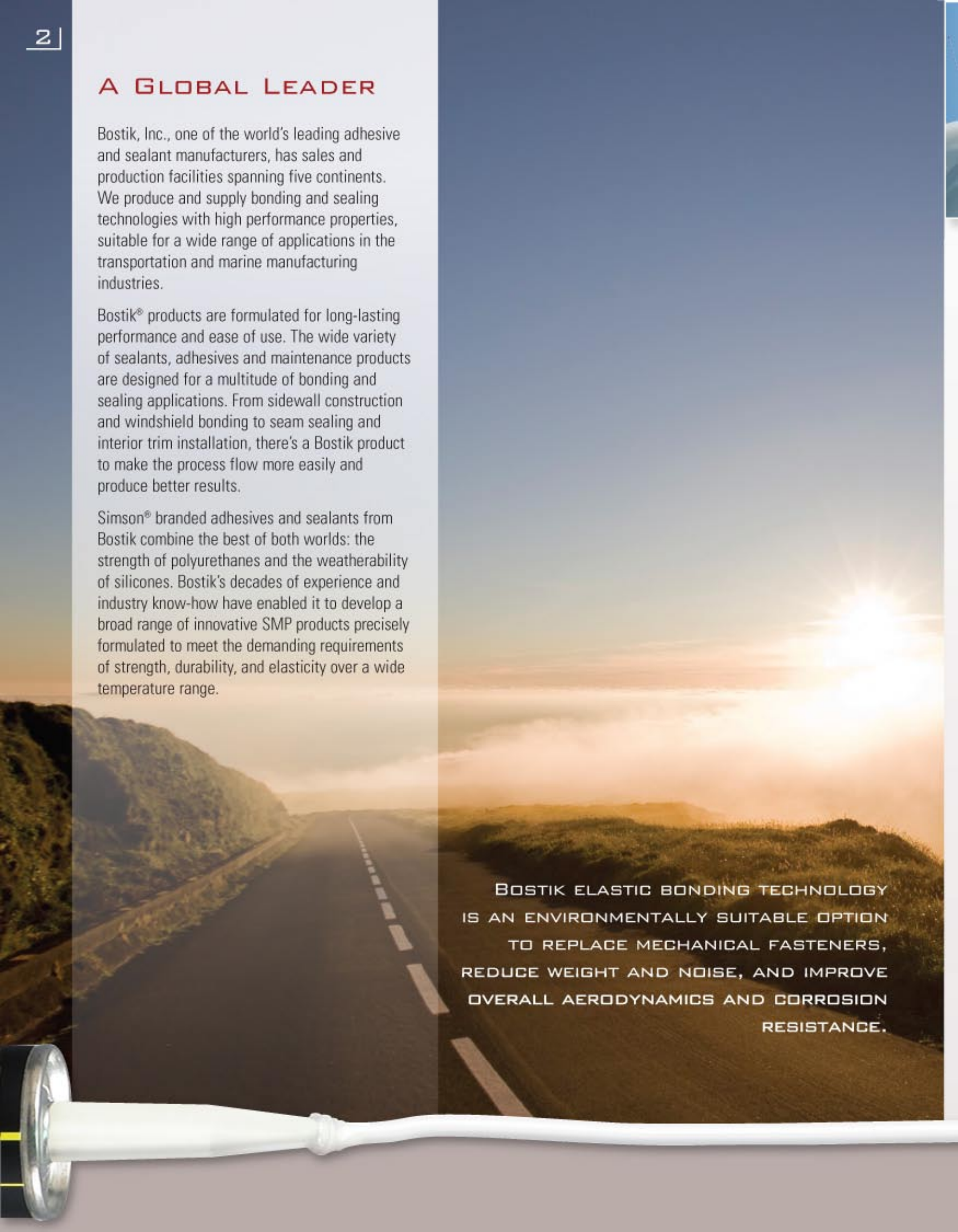
ELASTIC BONDING ADHESIVES AND SEALANTS

A GLOBAL LEADER

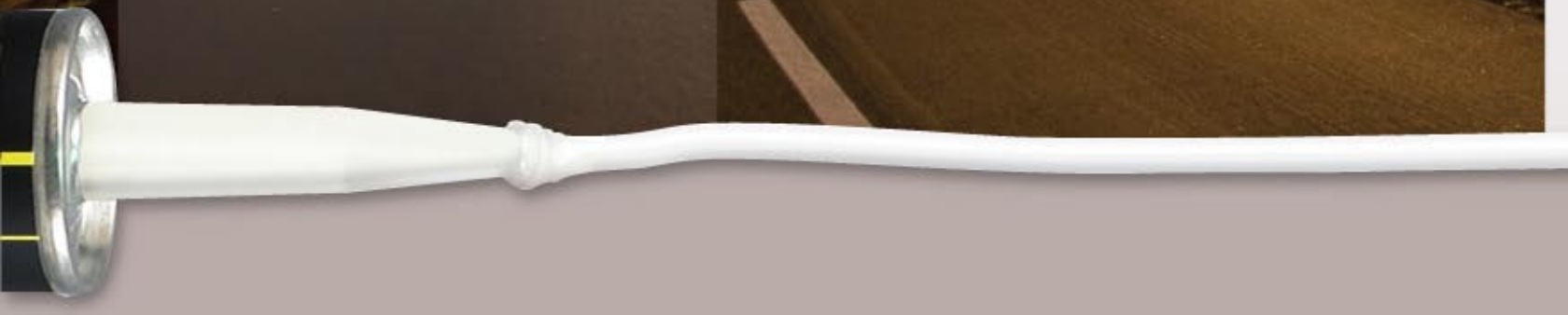
Bostik, Inc., one of the world's leading adhesive and sealant manufacturers, has sales and production facilities spanning five continents. We produce and supply bonding and sealing technologies with high performance properties, suitable for a wide range of applications in the transportation and marine manufacturing industries.

Bostik® products are formulated for long-lasting performance and ease of use. The wide variety of sealants, adhesives and maintenance products are designed for a multitude of bonding and sealing applications. From sidewall construction and windshield bonding to seam sealing and interior trim installation, there's a Bostik product to make the process flow more easily and produce better results.

Simson® branded adhesives and sealants from Bostik combine the best of both worlds: the strength of polyurethanes and the weatherability of silicones. Bostik's decades of experience and industry know-how have enabled it to develop a broad range of innovative SMP products precisely formulated to meet the demanding requirements of strength, durability, and elasticity over a wide temperature range.



BOSTIK ELASTIC BONDING TECHNOLOGY
IS AN ENVIRONMENTALLY SUITABLE OPTION
TO REPLACE MECHANICAL FASTENERS,
REDUCE WEIGHT AND NOISE, AND IMPROVE
OVERALL AERODYNAMICS AND CORROSION
RESISTANCE.





The broad line of Bostik products offer considerable advantages over conventional bonding and sealing technologies. Our high quality, innovative solutions are based on a variety of moisture curable polymer technologies that can meet the production and application requirements for cure rate, strength, durability and environmental compatibility.

Polyurethane (PU) one-part, moisture cure elastic bonding and sealing products deliver durability and flexibility under the most demanding conditions. They provide high strength bonds that resolve the challenges posed by dissimilar substrates, long-term exposure to weathering, temperature changes, and mechanical joint movement.

SPS (Silyl Polyurethane Sealant) Polymer technology creates highly innovative solvent-free and isocyanate-free sealing solutions that provide superior adhesion to porous and nonporous surfaces and outstanding non-yellowing (UV) resistance.

Silyl Modified Polymers (SMP) create highly innovative products that are solvent- and isocyanate-free yet simple to apply with minimal surface preparation required. SMP-based elastic bonding adhesives have broad application suitability, particularly bonding large surface areas that require high green strength. SMP adhesives offer the capability to bond directly to glass and ceramic frit without the added steps, expense, and exposures of pretreatment primers.



- = Best (most desirable)
- = Very good (desirable)
- = Good (desirable)
- = Marginal
- = Poor
- = Very poor (undesirable)

	SMP	SPS	PU (WITH MDI)	RTV SILICONE	SOLV. ELASTOMER
Surface Prep Requirements	■■	■	□	■	■■■
Toxicity-Odor	■■■	■■	□	□	□□□
VOC Content/Emissions	■■■	■■■	■	■■■	□□□
Dimensional Stability/Low Shrink	■■■	■■■	■■	■■■	□□□
In-Gassing (on cure)	■■■	■■■	□□	■■■	□
Fast Cure	■■■	■■	■■	■■	no cure
Adhesion	■■■	■■	■■	□□	□
UV Resistance/Non-Yellowing	■■■	■■	□□	■■■	□□ (sb rubber)
Mechanical Properties	■■	■■	■■■	□□□	□□
Temperature Resistance	■■	■	■	■■■	□□□
Chemical/Fuel Resistance	□	□	□	■	□□□
Paintability	■■	■■	■	□□□	■■
Repairability	■■■	■■■	■■■	□□□	■■■
Bleeding/Staining	■■■	■■■	■■■	□□□	□