

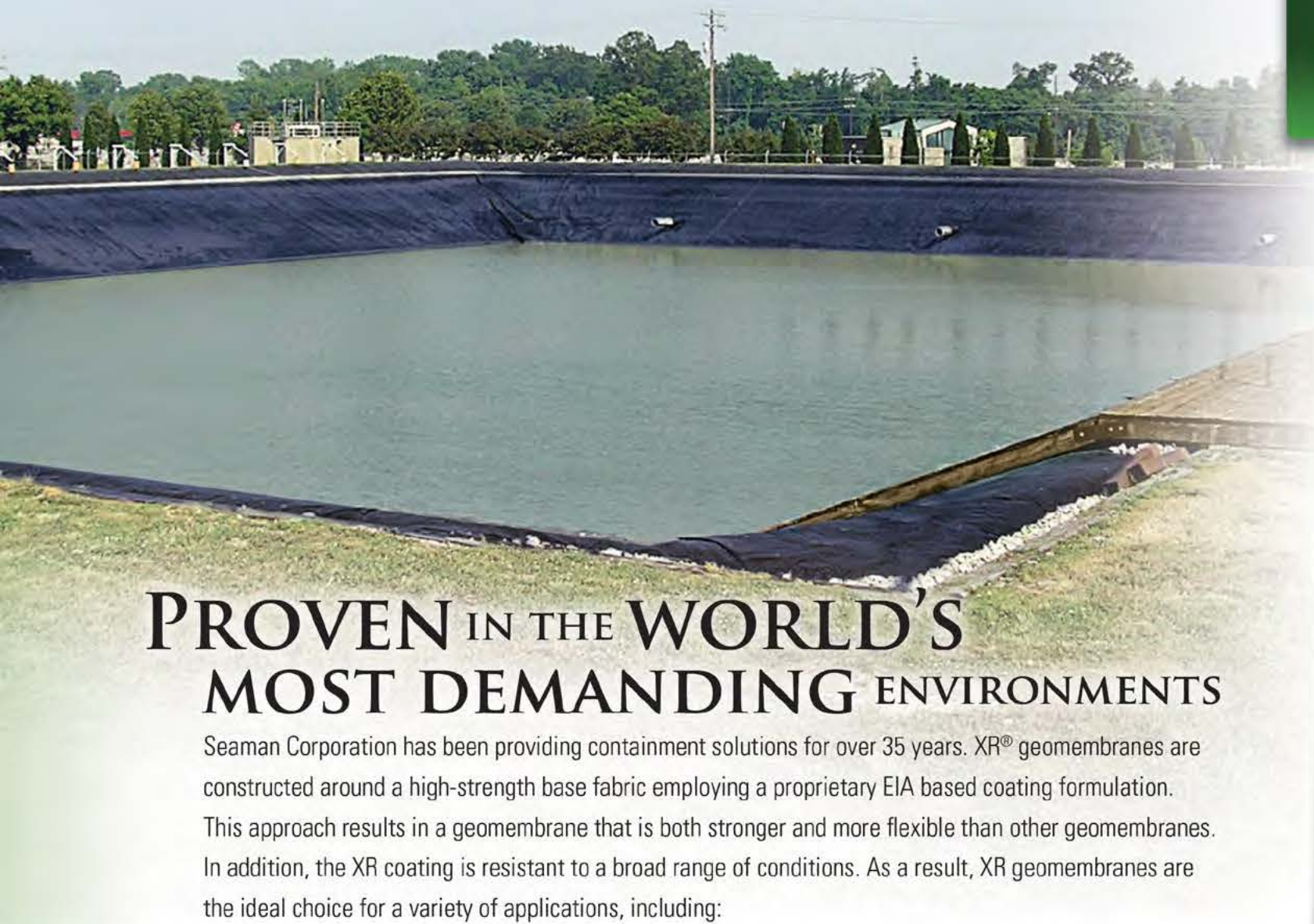


THE **ULTIMATE**
CONTAINMENT ASSURANCE

XKR-5[®]
By Seaman Corporation



GEOMEMBRANE LAYER GUIDE



PROVEN IN THE WORLD'S MOST DEMANDING ENVIRONMENTS

Seaman Corporation has been providing containment solutions for over 35 years. XR® geomembranes are constructed around a high-strength base fabric employing a proprietary EIA based coating formulation. This approach results in a geomembrane that is both stronger and more flexible than other geomembranes. In addition, the XR coating is resistant to a broad range of conditions. As a result, XR geomembranes are the ideal choice for a variety of applications, including:

- Spill Containment
- Secondary Containment
- Floating Covers
- Lagoon Liners
- Oil Booms
- Pillow Tanks

Performance Advantages:

- Superior UV Resistance
- Low Thermal Expansion / Contraction
- Extreme Chemical Resistance
- Superior Tensile Strength
- High Puncture Resistance
- Dynamic/Repeated Flexing
- High/Low Temperatures



XR-5 (8130) by Seaman Corporation

FABRIC LAYER

FEATURE

Unique 6.5 oz heavyweight weft inserted knit polyester design.

BENEFIT

Superior tensile strength and puncture resistance, and low thermal expansion and contraction (XR-5's stronger base fabric is the foundation of a tougher membrane; thickness of the compound plays a very minor role.)

ADHESIVE COAT

FEATURE

Unique polymeric adhesive coat that encapsulates the yarns, forming a molecular bond between the base fabric and exterior coating compound.

BENEFIT

Superior seam strength at static loads at elevated temperatures, prevents delamination due to flex fatigue, and prohibits moisture from penetrating the cut edges.

FACE COAT & BACK COAT

FEATURE

Over 35-year proven proprietary compound employing an Ethylene Interpolymer Alloy (EIA).

BENEFIT

A non-crystalline polymeric structure is not susceptible to environmental stress cracking, and is easily welded and repaired, while providing superior chemical and UV resistance.

Since 1949, Seaman Corporation continues to be a world leader in the innovation and design of high-performance coated fabrics. A vertically integrated company, Seaman Corporation develops proprietary formulations, knits, weaves and coats fabric in two facilities located in the United States. Offering a consistent coating formulation and base fabric has led to actual field performance exceeding warranty length on a regular basis.

In addition to being a market leader in the geomembrane market, Seaman Corporation is a leading global producer of industrial fabrics used in high-performance FiberTite® roof systems, Shelter-Rite® architectural structures, Shelter-Rite® truck tarps, Shelter-Rite® dock seals, and numerous military applications, including flexible fuel and water tanks and tents.

Seaman Corporation

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