TANKGUARD

Maintenance-free impermeable tank base: Flat bottom interlocking

Features

- The original and only tank base patented for its groundbreaking impervious design
- Proprietary modified polyurea coating technology provides the highest level of durability in the industry
- Lightweight, interlocking design facilitates quick and easy installation
- Proven reliability in more than 24,400 installations

Benefits

- Reduced tank base setup time enables prompt tank installation
- No costly remediation if tank fails
- Minimizes tank corrosion
  – Displaces moisture below tank
  – Insulator/non-conductor
- Easy access to tank manway for cleaning and maintenance

Prevent corrosion, simplify remediation and reduce cost

The patented TANKGUARD® maintenance-free impermeable tank base provides a stable and durable platform for above-ground storage tanks that are more quickly and easily installed than concrete pads, and more efficient and easier to maintain than pea gravel.

TANKGUARD tank bases are constructed from a polyurea material that is non-permeable and inert, which simplifies clean-up in the event of a spill, thus reducing the need for remediation, as well as reducing maintenance and downtime. By preventing contact of moisture from the ground with the base of the tank, and by acting as an insulator, our tank bases minimize corrosion and extend the lifespan of your tanks.

Lightweight, interlocking design for fast installation

The interlocking, lightweight, prepackaged base can be easily and rapidly installed, greatly reducing setup times. Compact packaging makes it feasible to keep a ready inventory to meet your changing needs.

The unique interlocking design requires no tools to install. Typically, unpacking and installing a tank base takes no more than 5 minutes. Its light weight easily allows small adjustments just before tank setting, which reduces the need for crane adjustments.

Flat bottom interlocking tank base

Field-proven to provide long-lasting protection

Since 2007, ASSETGUARD™ has sold more than 24,400 tank bases globally. Industry-leading quality control processes ensure each tank base exceeds required compression strength and maintains properties through extreme weather and UV exposure. ASSETGUARD stands behind its tank bases with an 18-month warranty. Multiple sizes and configurations are available to fit varying diameters and tank bottoms.

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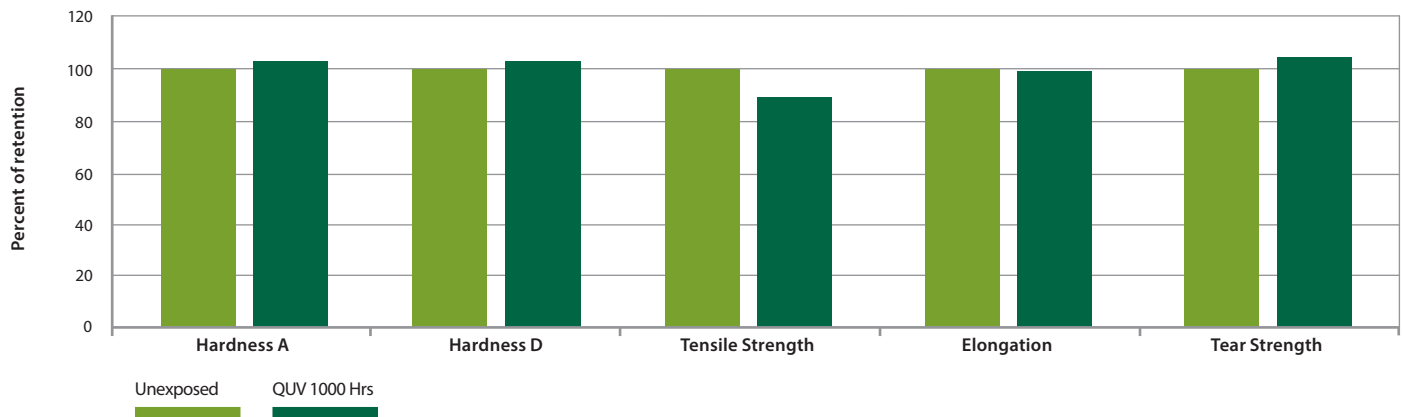
Elastomer physical properties

Physical Test	Test Method	Typical Value
Hardness, Shore D	ASTM D-2240	50
Tear strength (pli)	ASTM D-624	380-480
Elongation (%)	ASTM D-412	280-360
Tensile strength (psi)	ASTM D-412	2,500-3,000

Size and maximum load capacity

Diameter	Height	Standard Density Load Capacity (lbs)	High Density Load Capacity (lbs)	High Density Plus Load Capacity (lbs)
36"	6"	N/A	N/A	23,000
8'	6"	120,000	153,000	195,000
10'	6"	187,000	240,000	305,000
12'	6"	270,000	345,000	439,000
13' 6"	6"	341,000	437,000	556,000
15' 6"	6"	450,000	576,000	733,000
16' 6"	6"	510,000	653,000	831,000
21' 6"	6"	866,000	1,108,000	1,411,000

Load capacities based on standard foam thickness of 6".
Other sizes and tank base heights available upon request.

Weatherability characteristics

The polyurea spray used in our proprietary liner retains its properties even after years of exposure to UV light and extreme weather conditions. The maximum recommended long-term exposure temperature is 165°F (74°C).

The most durable liner in the industry

ASSETGUARD produces a family of high-performance products featuring a proprietary modified polyurea lining and coating technology that provides a seamless, durable, maintenance-free layer of protection for your facility. Weather is not an issue either—our liner is UV resistant and retains its properties to -40°F. With a proven useful life of 20+ years, ASSETGUARD technology significantly extends asset life, resulting in dramatically reduced maintenance and replacement costs for a much lower total cost of ownership.

Talk to ASSETGUARD to find out how we can help you protect your assets and the environment.

assetguardproducts.com

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