

Wastewater & Sewage Protective Coatings



Driving Forces for Waste Surface Coatings

One of the fastest growing applications for coating with polyurea and polyurethane is the wastewater industry. Pressures mount as sewage treatment and trash disposal is accelerating from population growth. And, a more affluent world is demanding improved living conditions just as aging municipal infrastructures falter. As water resources shrink, environmental regulations tighten.

ArmorThane offers the best coating materials available. We have had worldwide success in showing applicators how to repair and maintain wastewater and sewage systems.



Wastewater Applications

There are numerous coating application points throughout the wastewater and trash disposal process. The goal is to divert waste into safe treatment or storage areas and to prevent bacteria, chemicals and other pollutants from leaking into our clean water sources. These applications may include:

- Sewer manholes and tunnels
- Trash chutes, refuse bins
- Trash trucks, other vehicles
- Lagoons or treatment ponds, clarifying wells, digesters
- Storm water trenches, tunnels, culverts
- Above ground and in-ground tanks, pipes
- Anti-slip facility floors, walkways, stairs, ladders

The Most Durable Protective Coatings Available

Safe for All Environments

Our wide range of professionally applied pure and hybrid polymer products and processes allow applicators to spray in warm, humid climates or extreme cold. Once we know the extent of conditions, we make sure the project will yield maximum performance.

ArmorThane Polyurea and Polyurethane products contain no VOC's or solvents so coating is not volatile and will not harm the environment. Our technical staff trains all applicators to ensure top quality projects from surface repair to preparation to spraying.



Beyond Wastewater Treatment

Not all clean water preservation responsibility lies with municipalities. Industrial, commercial and residential projects have an impact on water protection; some are highly regulated and others are on the honor system.

The flexibility, strength and durability of ArmorThane coatings create a permanent, impermeable liner to hold chemically treated water for fountains and ponds. Not only does this prevent contaminants from reaching groundwater, it also ensures the owner does not have to continuously refill and waste precious water resources.

Trash is another huge source of contamination. ArmorThane products are perfect for coating high-rise building refuse shoots, trash receptacles and trash truck bed liners to prevent garbage from leaking until it reaches treatment facilities or landfills.

Suggested Products

We have a number of coatings which are applied to wastewater and sewage disposal projects. Please visit product pages on our website or call for specifications on these key items:

- STS-300 polyurethane
- HighLine-310 polyurea
- HighLine-510 pure polyurea
- HighLine-510H pure polyurea
- AquaSafe potable water safe polyurea



Mobile Coatings

In addition to fixed workshop locations, coating products can be sprayed any time, any place. And, unlike many other companies,



we custom-build trailers to meet your specifications. ArmorThane has all of the high-pressure and low-pressure equipment and supplies needed to be fast and efficient.



Products and Processes Match Your Coating Needs

ArmorThane has a variety of coating products developed to help industries solve problems. Benefits may include:

- **Coat a Variety of Surfaces:** metal, concrete, asphalt, fiberglass, wood, wallboard, geotextile material over sand, dirt, gravel
- **Proactively Add Surface Protection:** against intense sunlight, extreme heat and cold, wind, high wear, abrasion, water, gas or chemical leaks or spills
- **Solve Difficult Problems Caused By Adverse Conditions:** fading and discoloration, corrosion, rust, scratches, denting, cracking, warping, high energy costs
- **Provide Safer Environments:** secondary containment, compliance with health regulations for food processing, waterproof barrier to prevent bacteria/mold, easy-clean surfaces, slip and skid resistance, stronger surfaces, and increased security for military, government, other facilities
- **Add Color and Design Inside or Outdoors:** rejuvenated dull or discolored surfaces, UV color stability, permanent color coding, endless decorative ideas for logos, patterns, borders, etc using masks, tape or stencils (more durable than paint)
- **Add Fire Retardant Properties:** protection in areas that may be exposed to extreme heat or fire

Different products have unique physical properties. That's why it's important to combine products and processes with our technical expertise and experience. We make sure you apply the right solutions to your coating problems.



Protecting Your World

ArmorThane is a multi-national company founded by Garry Froese, CEO, in 1989. We have facilities in the U.S. and Canada and export to large dealers around the world.

We specialize in the development, manufacturing and distribution of top-quality protective coatings, as well as the design and fabrication of commercial application equipment. Our products include pure and specially-formulated hybrid polyurea and polyurethane with spray and roll-on applications. We provide low and high-pressure spraying equipment and supplies for fixed locations. Plus, we custom-build mobile coatings units for travel to any project site.

In addition to Wastewater and Sewage Treatment projects, thousands of applications benefit from ArmorThane's protective coatings. If you would like to know more about specific products and applications, just give us a call.

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