



# Stainless Steel Perimeter Recirculation Systems

Engineered supply and return systems for swimming pools, water features and aquatic facilities.

"Whether it is new construction, renovation or operation, talk to Natare."



**Natare's stainless steel perimeter recirculation systems offer the functionality of a water supply and return system in a single gutter profile.**

Natare pool systems provide the most cost-effective, durable swimming pools available today.

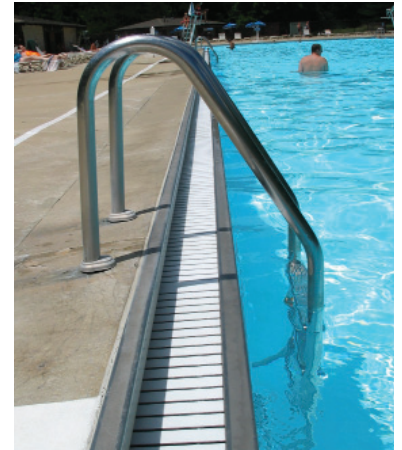
# Stainless Steel Perimeter Recirculation Systems

Natare's stainless steel perimeter recirculation systems offer the functionality of a water supply and return system in a single gutter profile. Each system is custom engineered prior to installation to be smooth and perfectly level around the pool perimeter.

Natare gutter systems have an in-pool surge storage system, eliminating the need for additional surge storage tanks. They also don't require additional piping or plumbing, making them the ideal solution for fast and efficient construction or renovation.

Stainless steel prevents the tiling, coping and frequent maintenance inherent in traditional gutter systems. With Natare gutter systems, repair costs from leaky pipes, ground movement and settling are a thing of the past, virtually eliminating repair costs.

Natare offers a variety of configurations appropriate for competition, instruction or recreation. From design to installation, Natare takes the guesswork out of pool construction to provide a gutter system that will serve your facility's needs for years to come.



## Natare Recirculation Gutter System Advantages:

- **Efficient Water Movement**  
Water moves efficiently throughout the gutter system providing balanced water distribution.
- **Permanently Watertight**  
All seams are TIG (Tungsten Inert Gas) welded and hydrostatically tested.
- **Stainless Steel Construction**  
Natare uses a special 12-gauge type 304 (T304) low carbon stainless steel to resist corrosion and wear.
- **Minimizes Buried Piping**  
Natare gutters eliminate the need for buried perimeter pipes that can be expensive to repair or replace when damaged.
- **Grating**  
Gutters with perimeter grating are supplied with PVC ASTM-certified slip-resistant I-Bar or T-Bar grating.
- **Surge Control**  
Our special in-pool surge storage eliminates the need for expensive surge control tanks.
- **10 Year Warranty**  
Natare's warranty ensures your system will perform properly for years to come.
- **Optional Equipment**  
We can customize your perimeter system to suit any application.

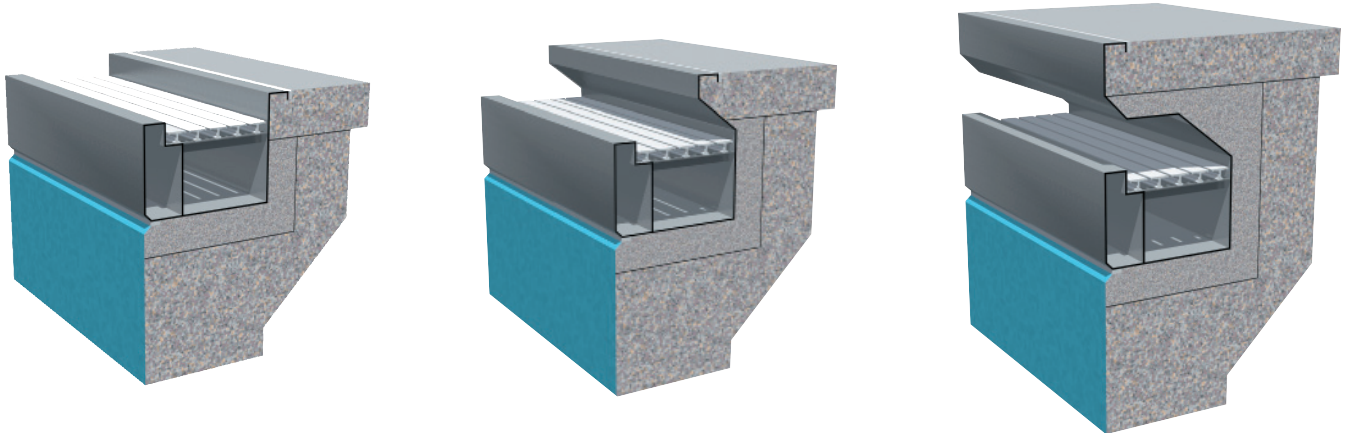


# Perimeter Recirculation Systems

## Natare V Series Perimeter Overflow Systems

MultiFlo™ Perimeter Recirculating Systems offer a wide range of styles and configurations in a grating covered channel design. Capacities up to 1300 gpm are possible for standard configurations. Options and accessories are available to satisfy any design requirement.

Natare V Series™ and MultiFlo™ Series gutters are available in deck level (roll-out), semi-recessed, and fully recessed configurations.



### Deck Level

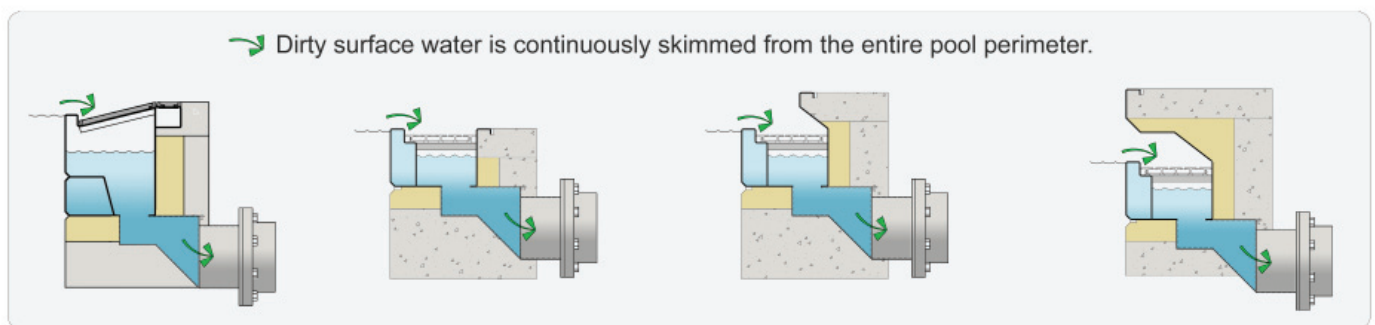
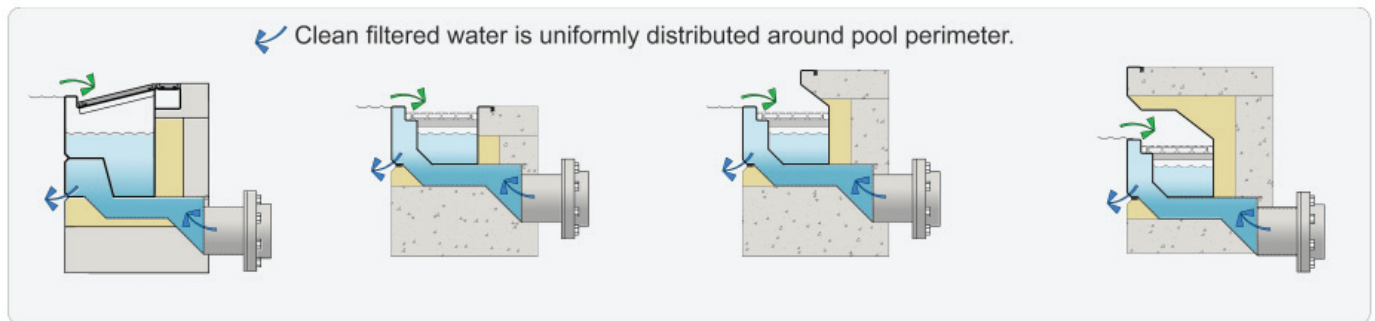
Ideal for a wide range of teaching and recreation activities. Preferred by many instructors and coaches.

### Semi-Recessed

Ideal for a wide range of teaching and recreation activities. Preferred by many instructors and coaches.

### Fully Recessed

An ideal configuration for a serious competition facility requiring a fully vertical gutter face.

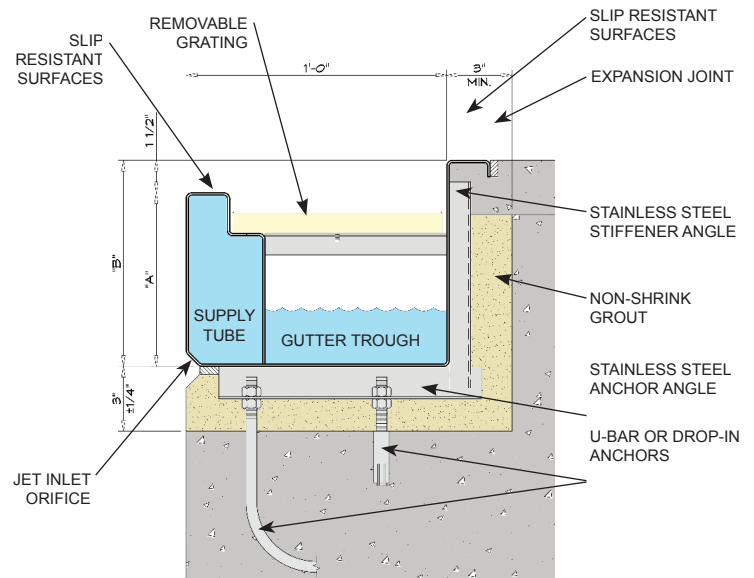


*Any of the configurations and options can be combined in an easily installed, pre-engineered perimeter recirculating perimeter system. Whether for new construction or renovation, these systems accommodate the hydraulic requirements of the pool while providing a level, safe and durable pool surround.*

# Perimeter Recirculation Systems

## Cleaner Pools, Better Water

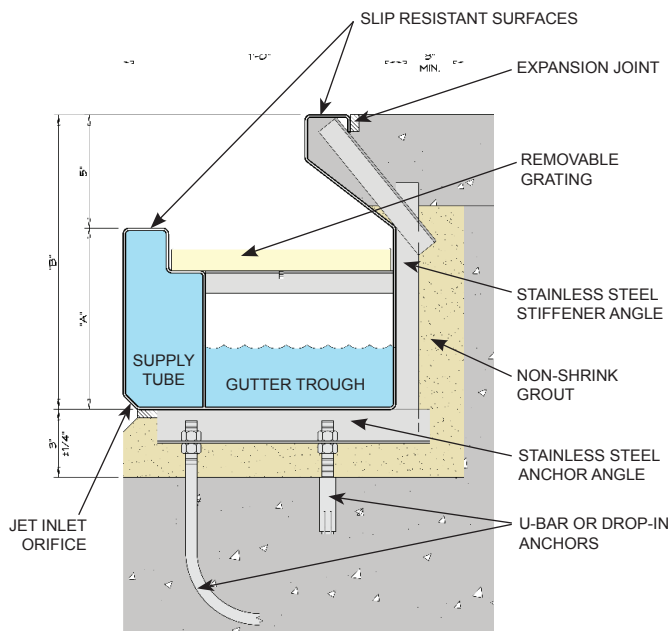
The water's surface is where more than 80 percent of a pool's dirt, oils and suspended material collect. Natare's stainless steel perimeter systems allow optimal surface skimming which cannot be achieved with traditional skimmers or conventional gutters. Efficient, continuous surface skimming removes surface debris and keeps pool water clean.



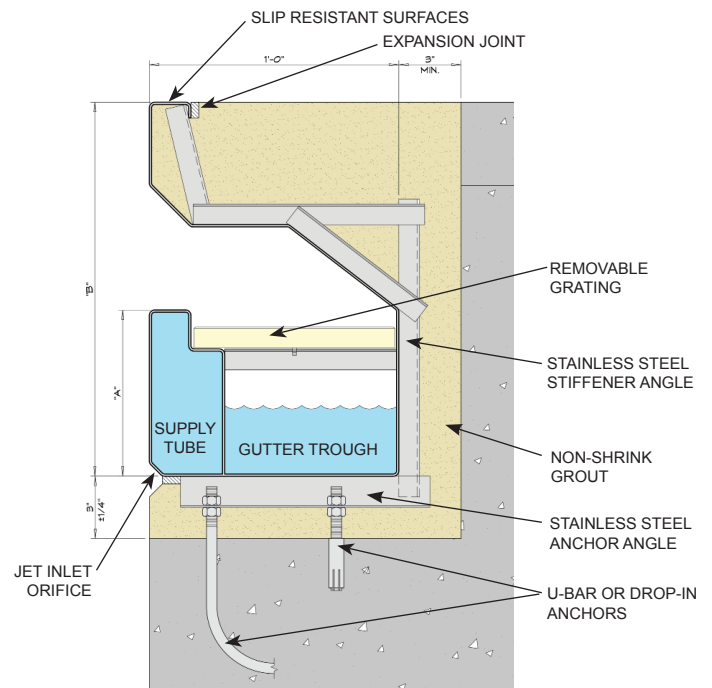
**Perimeter V-Series Roll-Out**

## Perfect for New Construction, Even Better for Renovation!

Natare perimeter systems offer fast, cost-effective new construction and are the perfect solution for pool renovation.



**Perimeter V-Series Semi-Recessed**

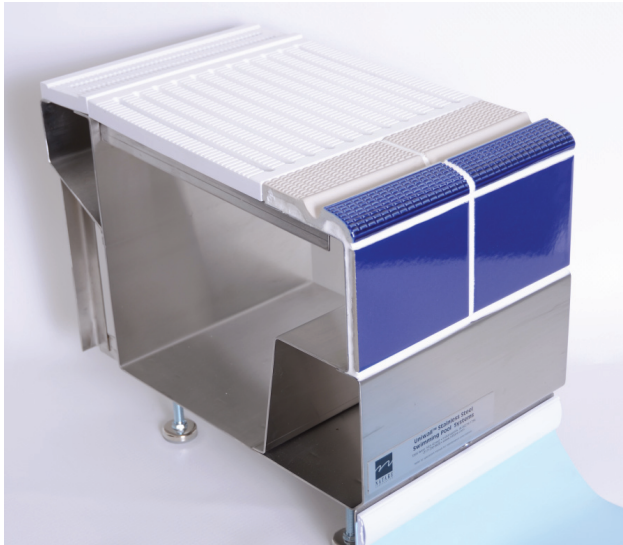


**Perimeter V-Series Fully Recessed**

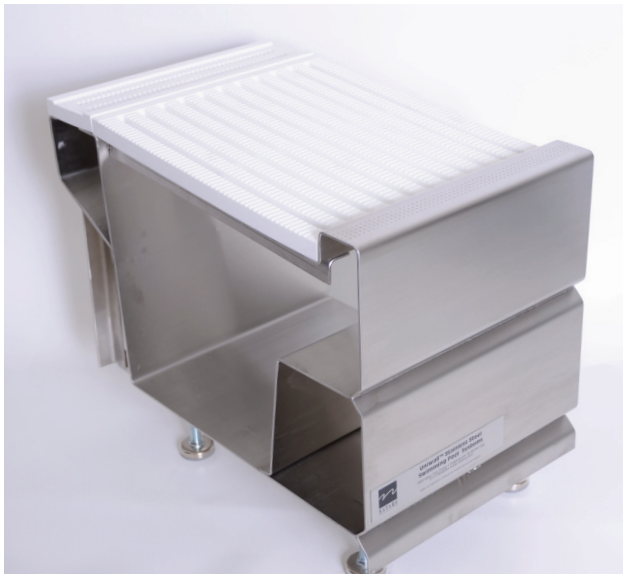
# Perimeter Recirculation Systems

## Natare “Integrity” Series Perimeter Recirculation System

Natare “Integrity” series stainless steel swimming pool gutters are oversized to increase wave quelling capacity. This system provides water supply and return within a single, self-contained perimeter gutter profile. Pre-engineered to be smooth and perfectly level around the pool perimeter, our proven state-of-the-art designs combine gutter and plumbing functions. With a built-in trough, pressurized filtered water return and inlets, no additional piping or plumbing is required for water circulation. All Natare perimeter systems can be provided with an integral flange for an easy installation of a Natare pool lining.

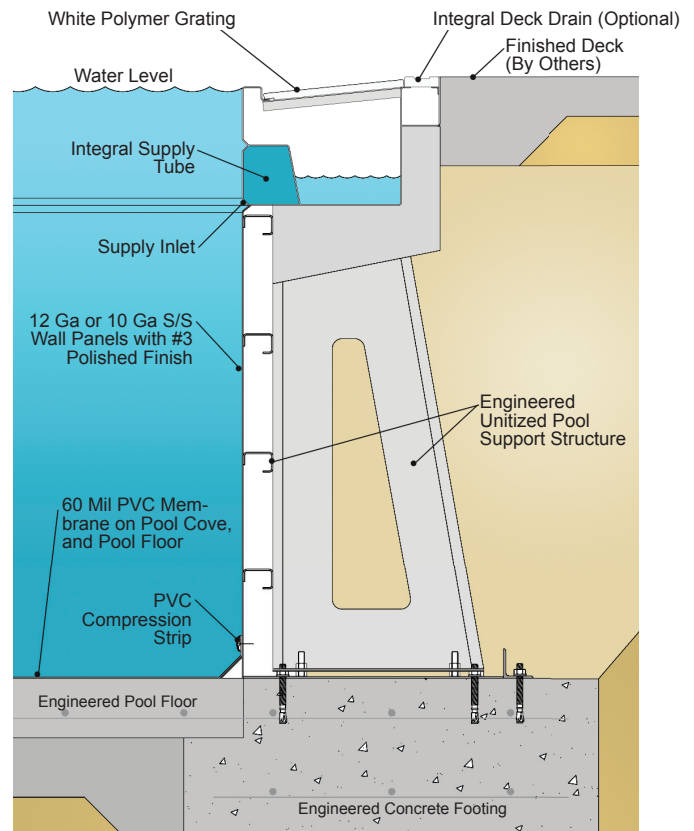
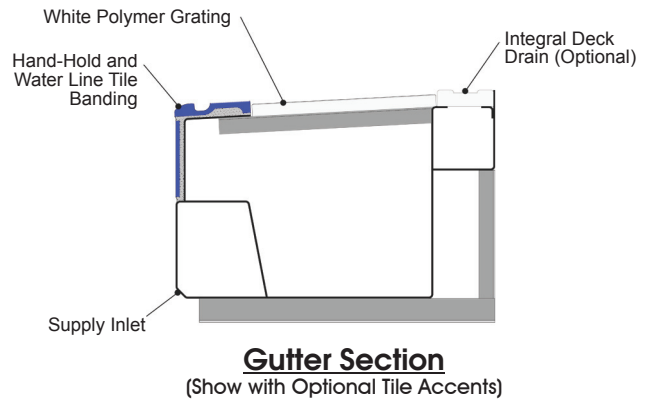


**Integrity Series Perimeter Recirculation System -**  
Shown with tile accents with integral hand hold and GPM polymer grating.



**Integrity Series Perimeter Recirculation System -**  
Shown with stainless steel face, integral hand hold and GPM polymer grating.

### Integrity Series Profile



### Unitized Natare Pool Wall Section



## NataFlo Perimeter Skimmers

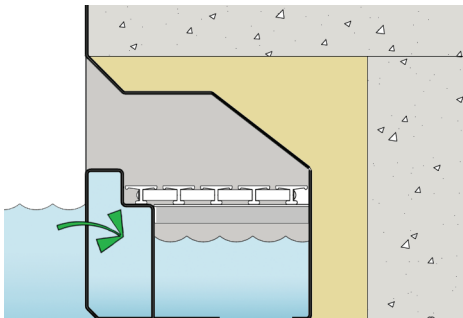
Natare perimeter recirculating systems provide the precise level control that is so important for competitive swimming. Weirs maintain proper surface skimming and gutter flow in active recreational pools.

### Components & Equipment:

1. **Stainless Steel Skimmer Trough:** The skimmer trough is constructed out of heavy gauge stainless steel with a finish similar or equal to a #3 polished finish.
2. **Stainless Steel Collector:** The skimmer collector stub shall be provided with a stainless steel extension ready for connection to the piping system.
3. **Anchors:** Natare provides an optional anchoring system to be installed in the pool wall during construction.
4. **Flow Proportioning Surface Skimmers:** The NataFlo system provides continuous surface skimming through weirs located in the gutter face. The weirs shall be equipped with an internal, fully automatic surge control device that operates hydrostatically, providing ample in-pool surge as the bather load increases. The weirs act independently, responding to surge conditions in the pool at each location and include an automatic adjusting hydrostatic gate to ensure immediate reaction to water level changes within the pool.



**Operating Range:** From 3/4 inch above to 1-5/8 inches below the lip of the skimmer



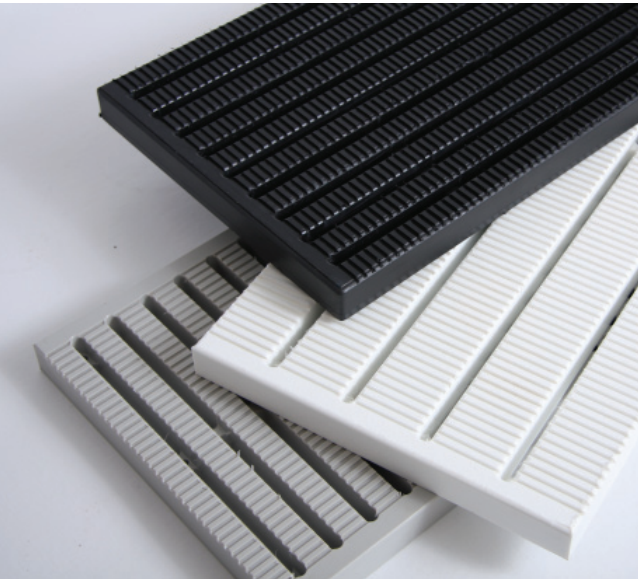
**Skimming Weir** - provide precise level control, and maintain proper surface skimming and gutter flow.

| NataFlo Perimeter Skimmer Sizes                                             |      |          |       |
|-----------------------------------------------------------------------------|------|----------|-------|
|                                                                             | Mini | Standard | Super |
| Length                                                                      | 3'   | 5'       | 10'   |
| Skimmer Capacity (GPM)                                                      | 50   | 50       | 50    |
| <b>Total Capacity (GPM)</b> (For gravity flow reduce total capacity by 25%) | 75   | 125      | 215   |
| Collector Stub Size (NPS)                                                   | 3"   | 3"       | 4"    |



**During quiescent periods, water is continuously skimmed through the exclusive surge control weirs.**

# Perimeter Recirculation Systems



## Natare GPM Grating

**Virtually indestructible grating**

**Our GPM grating is available as an option for all of our perimeter gutter systems.** GPM Grating is custom fabricated from a marine-grade polymer and is environmentally stabilized to withstand the harshest aquatic conditions. It will not rot, discolor or delaminate and does not react with pool chemicals. Even repeated blows from a heavy hammer will not break GPM Grating. 10 year full replacement warranty.

GPM Grating's unique design has permanently machined flow control slots that allow for a fast flow of water through the grating. GPM Grating has an matte-textured slip-resistant finish to provide secure footing and hide scuffs and scratches. This low maintenance finish cleans easily and eliminates repair or refinishing due to weathering or deterioration.

## NataTread Slip-resistant Surface

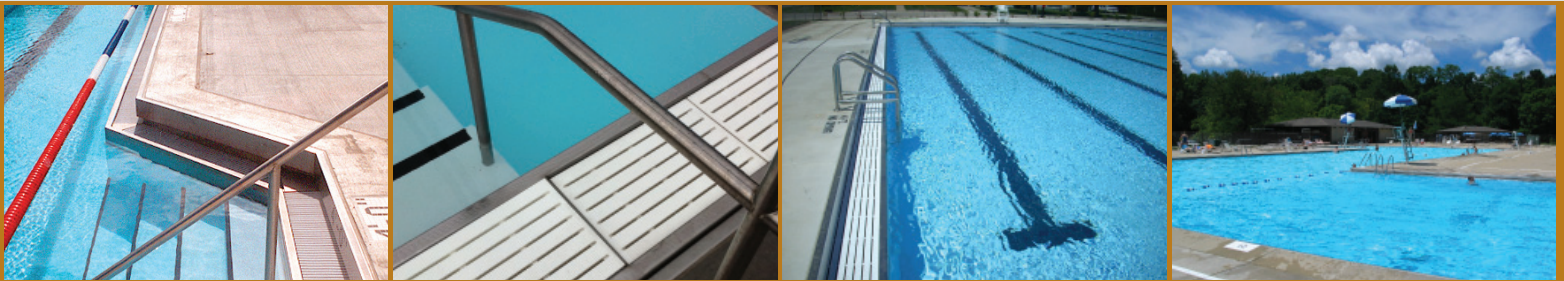
Our slip resistant surface is created using specialized tooling that does not penetrate the surface, but instead produces a pattern of small dimple-like projections or protrusions, similar to the surface on Braille name plates. The pattern is an extremely uniform and aesthetically pleasing surface that is also quite slip-resistant.





Natare offers its V-Series™, PosiFlo™, MultiFlo™, and Integrity perimeter systems in several profile configurations. Whether you require swimming pool gutters for competition, instruction, recreation, or a special environment, Natare can provide both design and fabrication. Natare can take the guesswork out of pool construction providing a gutter that will serve your facility's needs for years to come.

Can we build one for you?



**Natare Corporation**