

TAKTL® Facade and Wall Elements are manufactured with Ultra High Performance Concrete. TAKTL is over four times as strong as traditional precast concrete and performs exceptionally well in harsh conditions that cause most concrete to crack and degrade over time. TAKTL cast elements have an intrinsic finish that weathers to a natural patina. In order to regulate the flow of moisture between the material surface and the environment, MicroSeal/T™, a hydrophobic, breathable finish, is applied to all panels before shipment. MicroSeal/T is invisible and does not affect the rich, natural appearance of the panel.

MicroSeal/T sealer provides a baseline level of non-sacrificial graffiti protection. For some colors and textures, or for applications where a higher level of protection is required, the coating protocol may need to be adjusted in order to achieve the desired anti-graffiti performance.

MicroSeal/T features:

- Non sacrificial properties
- Zero VOC
- Breathable
- Invisible, does not change surface appearance
- Excellent UV stability
- Resistance to alkali attack
- Tack-free after drying
- No blushing, peeling, or yellowing



**MicroSeal/T™ PRODUCT DATA**

Solvent	Water
Appearance	Yellowish to orange slightly cloudy liquid
VOC (less exempt solvents)	0 g/L
Flash Point	None
Density	8.2 lb/gal

**MicroSeal/T™ PERFORMANCE DATA**

STANDARD	PROPERTY	RESULT
ASTM 6578	Graffiti Resistance	Clean ability Level of 3 after 25 cycles
ASTM 653	Accelerated Weathering	No change in resistance after 2,000 hours
ASTM D6490	Breathability	>90% Breathable

**Cleaning** To clean and maintain TAKTL panels, use only water and mild detergent. For best results:

1. Do not use harsh cleaners, solvents or abrasives; they might alter the appearance of the panels.
2. Use only a mild detergent with water and a soft scrub brush (if required).
3. Rinse the detergent off completely with clean water, brushing lightly with a soft plastic brush to ensure complete removal.
4. Power washing is an acceptable means of cleaning. Use a wide nozzle at a minimum of 5 feet from the surface of the panel. Close range and small (concentrated) nozzle size will damage the finish.
5. For media-blasted surfaces, isopropyl alcohol may be used with a microfiber cloth to remove fingerprints or debris.
6. Allow to panel face to dry thoroughly and evenly.

If the surface is being cleaned frequently, MicroSeal/T may need to be re-applied to the panels. Re-application requirements will vary based on the type of protection required, the texture of the panel, and the color of the panel. Please discuss performance and re-application requirements with your TAKTL representative to ensure that project requirements are met.