

Seamless Floors Are the Answer for Model Wastewater Treatment Facility



Products used at Hyperion Wastewater Treatment Plant :

- Stonclad GS/Stonkote GS4
- Stonclad HT/Stonkote HT4
- Stonshield HRI

Encompassing over 144 acres, the Hyperion Wastewater Treatment Plant in Southern California is one of the largest facilities in North America. The plant was built under the direction of the EPA, which enforces the Clean Water Act that requires secondary treatment of all wastewater, as well as a complete ban on ocean dumping of concentrated sewage sludge.

When the plant was being constructed, each aspect of the facility design was meticulously reviewed to comply with regulations and take into consideration all aspects of design to create an efficient and cutting edge facility. Protective flooring was a necessary piece of this design plan. Due to the many chemicals used in the waste water treatment process, such as sodium hypochlorite, sulfuric acid, ferric chloride, alum, potassium permanganate and sodium hydroxide, the floors are exposed to continuous splashes and spills from these punishing chemicals. Occasional spillages of polymer materials create a slippery and potentially hazardous surface. Additionally, hand trucks and forklifts cause tremendous

wear and tear to the floor. Repairing a worn floor costs money and disrupts production. Due to the environment, maintenance-free, chemical-resistant, durable and long-lasting floors were mandatory requirements for the Hyperion decision makers. They found Stonhard could meet all of their needs.

After careful review of various flooring systems, over 80,000 square feet of Stonhard's Stonclad GS and Stonclad HT seamless flooring systems were installed throughout the walkways, pump rooms, sludge holding areas and locker rooms. Stonclad GS is a general service and hard working seamless, epoxy floor that resists abrasion, impact and chemical attack. Stonclad HT has many of the same features of Stonclad GS, but it also resists high temperatures and thermal shock, a condition found in this type of process environment.

Stonhard's Stonshield HRI system provided a stylized, decorative look for the public restrooms and the more public control rooms.



The final result for Hyperion was meeting and even exceeding their goals. Their choice of Stonhard's safe, clean, long-lasting and slip-resistant floors for their model treatment facility proved to be the right choice, year after year.

The Stonhard Difference

Stonhard is the unprecedented world leader in manufacturing and installing high-performance polymer floor, wall and lining systems. Stonhard maintains 300 Territory Managers and 175 application crews worldwide who will work with you on design specification, project management, final walk through and service after the sale. Stonhard's single-source warranty covers both products and installation.

STONHARD

Wastewater



stonhard.com