

STONHARD® Solutions

EcoLab Warehouse Transforms into Production Facility with a Top-to-Bottom Upgrade for Long-Term Protection with Stonhard Floor and Wall Systems

Products used at EcoLab Nieuwegein, Netherlands

• Stonclad® GS • Stonkote® GS4 • Stonglaze® VSR • Stonglaze VSD

This complete floor-to-wall installation provides EcoLab with a high quality production space that is both brighter, easier to clean...and protected.

Production Facility Chooses Serious Floor Protection with Stonclad GS

EcoLab is a global leader in water, hygiene and energy technologies and services. The EcoLab Nieuwegein, Netherlands facility produces soaps and detergents. In order to create a high-standard production facility for a new line of liquid soap, EcoLab decided to upgrade an old warehouse for new use. Over the years, the warehouse's concrete floor had incurred substantial damage from the daily use of heavy forklifts.

For approximately 9,000 sq. ft. of floor surface, Stonhard's application crews installed Stonclad GS epoxy mortar system. The Stonclad GS system cures to an extremely hard, impact-resistant mortar. Its formulation ensures that it will perform and protect in heavy-duty environments, by standing up to abrasion, wear, impact, and chemicals.

Following the installation of the Stonclad GS flooring, two layers of Stonkote GS4 were applied including a textured anti-slip sand within the final layer. Stonkote GS4 is an epoxy coating that is designed to increase abrasion and chemical



Stonclad GS, a troweled epoxy mortar system, provides this production facility with superior impact, abrasion and chemical resistance. Stonglaze VSR and VSD protect the walls from splashes, spills, fumes and abrasion.

resistance while improving cleanability. It hardens to an attractive gloss finish and protects against moisture penetration. Protection against damaging chemical ingredients is an important factor for EcoLab's new production facility floors.

Long-Term Wall Protection Requires the Right Wall System

The Ecolab production facility has approximately 4,000 sq. ft. of cementitious plaster walls. Another 162 sq. ft. of cementitious drywall replaced old wooden panels around the windows. Stonhard assessed Ecolab's needs and recommended two different wall-protection systems. Stonglaze VSR, a high-performance, high-gloss, epoxy wall system, was applied to the cementitious plaster walls. Stonglaze VSR cures to a hard, tile-like finish that exhibits excellent chemical and abrasion resistance and has been formulated specifically for institutional and industrial facilities for long-term protection of their vertical surfaces. For the drywall areas, Stonglaze VSD, an epoxy wall system reinforced with an engineering fabric, was selected to increase durability and protect against cracking and puncture. Stonglaze VSD provides a smooth, tile-like glazed finish.



Stonhard begins the process of transforming EcoLab Nieuwegein's old warehouse into a high-standard production facility for a new product line.

Since Stonhard's floors and walls are seamless, dirt, grime, and chemicals are unable to seep into joints or crevices where they typically avoid cleanup and eventually pollute and damage the facility. This complete floor-to-wall installation provides EcoLab with a high quality production space that is both brighter and easier to clean (even with high-pressure water). Most importantly, the horizontal and vertical surfaces of the facility are now protected against mechanical and chemical abrasion as well as impact.

The Stonhard Difference

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



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