

INDUSTRIAL CASE STUDY

COLD ROOM FLOORING



SITUATION

Concrete cold room floors are prone to cracking, which can be extremely problematic. Uneven surfaces can cause health and safety issues, damage to vehicles and racking systems.

This particular cold room in France required a durable flooring system that could tolerate the cold temperatures without cracking, splitting or peeling.



SOLUTION

When a hardwearing, flexible floor system for cold environments is required, LINE-X XS-350 is the perfect solution. XS-350 is a pure polyurea by LINE-X which creates a seamless, durable membrane over concrete. Before the XS-350 application, the concrete floor and plastic surround are sanded. Existing cracks are chased and then filled with a fast-set adhesive. Once the adhesive has set, the area is sanded with an orbital sander; then the entire surface is vacuumed with an industrial vacuum to remove all dust and debris. The walls and ceiling are masked before ASPART-X is rolled onto the concrete, and a plastic primer is applied to the plastic surrounds. ASPART-X is a polyaspartic system developed by LINE-X and makes a perfect concrete primer for Polyurea applications. Once the ASPART-X has dried, LINE-X XS-350 is applied to the floor and surrounds, approximately around 2-3mm thick.



RESULTS

The cold room floor not only looks more professional, but the client can also feel confident that the LINE-X flooring system will stay maintenance-free for many years to come, resulting in less downtime and refurbishment costs. Due to the seamless membrane, there is no place for water or other liquids to ingress, which allows the area to be steam-cleaned or pressure washed without risk of damaging the LINE-X flooring system or the concrete floor underneath.

PROJECT OVERVIEW: Concrete Membrane For Cold Room Floor

PRODUCTS USED: XS-350, ASPART-X

CASE STUDY PROVIDED BY: LINE-X Ouest, France



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