

INDUSTRIAL CASE STUDY

ELEVATOR FLOOR COATING



SITUATION

The elevators in this luxury office building served to transport both office workers as well as construction equipment and materials throughout the building. Because of this mixed-use, the stone used on the elevator floor was repeatedly damaged and even minor repairs were very costly. The facility owner needed a solution but did not want to permanently cover the floor as the stone matched the rest of the interior. Instead, they sought a removable solution with enough impact resistance and durability to protect the stone floor while transporting heavy equipment.



SOLUTION

While looking for a long-lasting solution, the facility owner discovered LINE-X pure polyurea XS-350. LINE-X XS-350 is often used as a surface coating for industrial applications, secondary containment, cargo trailers, construction and more. Traditionally a permanent coatings application, XS-350 adheres directly to a substrate for exceptional durability. In this case, the LINE-X applicators had to solve the challenge of creating a removable coating that had the same level of impact and abrasion resistance but could be easily placed and removed as needed. The applicators took exact measurements of the elevator floor and created a custom LINE-X mat using a waxed metal sheet and specialized application process.



RESULTS

The LINE-X applicators had created an incredibly durable LINE-X pure polyurea floor mat designed to fit the exact measurements of the elevator whenever it was needed. The facility owner was tremendously happy with the result and the look of the mat. Because the coating was applied to a waxed metal surface, the bottom of the LINE-X mat was smooth to the touch and would not damage the stone floor while in use. Additionally, the LINE-X mat met all the owner's requirements: impact and abrasion resistance for heavy-duty use plus easy placement, removal, and storage for normal foot traffic.

PROJECT OVERVIEW: Durable Removable Floor Mat For Luxury Elevator

PRODUCTS USED: LINE-X XS-350; LINE-X Premium Top Coat

CASE STUDY PROVIDED BY: LINE-X Philippines



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