

Building #1

Henrietta, New York

OWNER – Russell P. Le Frois Builder Inc., Henrietta, New York
PAINTING CONTRACTOR – Bianchi Painting, Stafford, New York
DISTRIBUTOR – Phelps Cement Products, Phelps, New York

Protective Coatings
July 2001 – August 2001

PROJECT TASK

Restore an exterior plagued by white deposits.

PROJECT SOLUTION

Apply a custom-color stain to restore the original appearance and provide water repellency to avoid future efflorescence.

PRODUCTS

Super Color Stain VO



Top three and bottom left and center photographs were taken "before and during" and the bottom right was taken "after" the work was completed.



PROJECT HISTORY

The building's lower exterior had developed unsightly white deposits. The discoloration was caused by a process called efflorescence. During construction, water accumulated in the CMU. Water dissolved and transported soluble salts through the masonry wall façade. When the moisture dried, the white salts remained.

Chemical cleaning proved ineffective. Mechanical cleaning would have affected the texture and appearance of the ribbed blocks, and so was avoided. Wire brushing accomplished the task of prepping the substrate without damaging the building.

Super Color Stain VO provided the two necessary components for a successful restoration; water repellency and color matching. The stain's water repellent properties avoid salt transport in the future.

Conproco's color lab provided a stain which matched the original color of the façade.

Spray application was used to reduce labor costs.