

Another Express Polymers SOLID SOLUTION!

Anchoring hand rails in concrete causes an inherent problem. The failure below occurs because the concrete consistently cracks at the point where the railings are anchored. This is simply due to the summer heat and winter cold causing the metal railing to expand and contract at a different rate than the anchoring material and most anchoring materials are so hard that they can't flex enough to handle the expansion. The resulting cracks allow water to enter and this continues in winter where freezing and thawing heaves the concrete until it eventually pops off. (See photo 1)



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Express Polymers has a simple solution.

Using 10-Minute Concrete Mender[®] and our repair techniques, Express Polymers technicians completed this railing repair in minutes as seen in photos 2 and 3. In this particular case, the client wanted to re-inforce the severely corroded rail. This was easily accomplished by installing a short column of Mender and sand that bonded to the base repair & rail



2



3

giving the client results that were much more effective and durable. As a final touch, the repair area was stained with our Newlook[®] non-acid concrete gray stain to make the entire repair area appear uniform. (See photo 4)

And the best part is that the repair was done in minutes with no affect on traffic flow to the adjacent stores.

For information on how to protect your railing anchors from failure or how to fix failed railing anchors please give us a call at:

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www.ExpressPolymersInc.com

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