

VON DUPRIN®

No more rods

Installing the CVC

Back to school with the CVC

Kansas City, MO

This case study discusses the successful installation of Von Duprin's Concealed Vertical Cable (CVC) system. The CVC system is a new system that will replace rods for good! The CVC system is easy to install because there are no rods, which ultimately leads to little or no maintenance at all. Allegion seeks to provide productivity enhancing solutions to customers who value security and durability. Below is an example of how the CVC system impacted a local high school.

Customer overview

A high school in Kansas City, MO with about 2,000 students needed help with selecting the proper hardware to minimize maintenance. The school has a staff of sixteen maintenance workers, with two that are highly skilled in hardware installation and maintenance.

Allegion provided a solution for a pair of doors that were consistently giving the maintenance team trouble.

Challenge

The school was having trouble with a set of surface vertical rods on pair of hollow metal doors ever since they were remodeled. Why? The pair of doors are located near the gymnasium. They sagged because the students would beat up on the door, bending the surface rods so they would be out of adjustment. The doors were mishandled and the rods couldn't take much abuse before needing heavy maintenance.



Before



After

Original pair of LBR Surface Vertical Devices and the updated doors with rods replaced with the LBL CVC solution.

The maintenance team was looking into using rim devices with a mullion and a strike. This would allow them to do away with the rods while still allowing the doors to lock, but we suggested another solution.

The Allegion solution

Since rods have proven to consistently fail in this situation, Allegion implemented the new Less Bottom Latch (LBL) CVC system on a pair of Steelcraft doors. Since the CVC system can come already installed in Steelcraft doors, the installation for the whole system is a simple process.

Using CVC eliminates the use of rods, thus preventing potential abuse and bending of rods.

Result

As promised, the installation was simple. For the three months the doors have been in use, there have been no problems; the doors are holding up very well to the usual abuse. Minimizing the previous maintenance issues will save everyone time, and thus money in the future.

Since the Steelcraft pre-installed doors were purchased, if the existing exit devices were still in good shape, the maintenance team could save and reuse those devices to save more money.

Eliminating the hassle of rods made this maintenance crew's job a lot easier, and they are looking to switch over all of their doors with vertical exit devices into CVC systems in the near future.

Due to the sensitive nature of our customer relationships, Allegion has chosen not to include the names of our clients in these case studies. Allegion provides products, services and solutions that increase our customers' safety while maximizing durability and ease of installation.

About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 7,800 people and sells products in more than 120 countries across the world. Allegion comprises 23 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more information, visit www.allegion.com/us or call 888.758.9823.

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