

# Refurbish your Van and Extend service life Peeling Paint and Rust on Service Vans – Corrosion Cops has DIY



2007 Chevy Van - Purchased (used) February 2009  
March 2009 Aloha Signs did our Company lettering



2014 Paint peeling off



2014 applied CarWell CP90 annually to control rusting



Message using CP90



Corrosion Control - Time to refurbish Company Van  
May 20, 2019



2017 Looking pretty sad



2016 Paint keeps peeling off

## Procedure to Refurbish Rusted Van

1. Degrease if oils are present on Van surfaces
2. Rinse with potable water
3. Rinse surface with Salt Away if chlorides present
4. Allow surface to dry
5. Scrape loose paint from surface
6. Surface prep rusted areas with mechanical abrasion
7. Sand excessive oxidation/rust to get to tight rust
8. Apply Cortec Corrveter\* water based rust converter to 5 mil dry coating thickness by applying 3-5 coats allowing each coat to dry to touch before applying next coat.
9. Apply Cortec VpCI 396 Moisture Cure Urethane, minimum 3 coats, allowing ample dry to touch time between coats.
10. Allow 24-48 cure time.
11. Apply finish coat to match vehicle color.

## Supplies

- Disposable gloves
- Rags
- Sand paper
- Paint scrapper
- Paint Brushes
- Blower/Shop Vac
- Degreaser
- Salt Away
- Cortec Corrveter – Gallon
- Cortec VpCI 396 Moisture Cure Urethane – Gallon
- PPE for VpCI 396 application
- Xylene
- Empty Quart Paint Cans (4)
- Finish Color

\*Avoid acid based convert a rust product in Hawaii!



Step 5, Step 6 and Step 7 – Prepping surface to tight rust



5-20-2019



Mix thoroughly  
bottom to top



Step 8 – Applying 1<sup>st</sup> Coat of Cortec Corrveter – **Water Based Rust Converter**





1<sup>st</sup> Coat Cortec Converter  
Dried to touch



Step 8 continued

Applying 2nd Coat of Cortec Converter – **Water Based Rust Converter**



5-24-2019



2nd Coat Cortec Converter  
Dried to touch



Step 8 continued

Applying 3rd Coat - Cortec Converter – **Water Based Rust Converter**



5-30-2019

3rd Coat Cortec Corrvter – Dried to touch 5-31-2019



\*Go to next slide for Tip on storing VpCI 396 Moisture Cure Urethane



Step 9 – Applying 1<sup>st</sup> coat - Cortec VpCI-396 Moisture Cure Urethane\*

6-6-2019



Cortec VpCI – 396  
Moisture Cure Urethane  
Gallon



Cortec VpCI-396 Storage Tip:  
Pour VpCI-396 Gallon into 4 Quart Empty Cans  
Fill 90% full and top with Xylene to bottom of rim of paint can.  
Hammer lid on, be sure it doesn't leak and store can upside down. Store in cool area.  
When ready to use – shake can, open and stir.

After 1<sup>st</sup> Coat – top VpCI-396 Quart Can off with ¼" to ½" of Xylene. Do not stir or shake.  
Install lid and do not leave can open. The reason for doing this is to prevent atmosphere from curing the VpCI-396 while waiting for applied coating to dry. The components of urethane paints react with moisture and will go bad. One part urethanes are moisture curing. I use these, in small quantity as well, buy Quart cans to minimize the amount of times they are opened before they are used. If curing starts (I call that plasticing) as VpCI-396 goes into a bondo curing state when allowed to set up, VpCI-396 can be brought back from this by adding xylene to the can and stirring to bring it back to liquid state. If it goes too far in curing it becomes non usable as it may chunk up and not flow and coat properly.



1<sup>st</sup> Coat VpCI-396 – Dried to touch



Step 9 continued  
Applying 2nd coat - Cortec VpCI-396  
Moisture Cure Urethane

6-10-2019



Before 5-20-2019

Done  
DIY Project  
Rich took his time  
You can complete in couple days  
or couple weeks!



After 6-10-2019  
Skipped Finish  
Paint



Before 5-20-2019



Current 4-9-2020

Another successful DIY by BOCA Hawaii on company Box truck



Before



After January 2017  
Skipped Step 9  
Did finish paint to match



November 2018



December 2019

Difference – shorter time before onset of  
rerusting vs LONGER TIME PERFORMANCE  
Applying Cortec VpCI-396

