

April 28, 2023

## **DEWALT Pure220+ Adhesive Anchoring System and Post-Installed Rebar Connections**

### **Supplemental Installation Instructions for Preparation of the Adhesive in Step #3 (Preparation): Balancing Cartridge**

Cartridge adhesives must be properly mixed to achieve published properties for anchoring applications into concrete and masonry. In accordance with the Manufacturer's Printed Installation Instructions (MPII) the supplied mixing nozzle must be attached to the cartridge. The cartridge is loaded into the recommended dispensing tool. Prior to dispensing adhesive into the drilled hole, separately dispense at least three full strokes of adhesive through the mixing nozzle until the adhesive is a consistent **red** color.

It is permissible to transfer the piston plug assembly (mixing nozzle, flexible tubing extension and piston plug) to a new cartridge when the initial cartridge is depleted during consecutive installations using DEWALT piston plugs. For the transfer and continued use of the piston plug assembly to be viable, the cartridge balancing steps shown below and a restart of dispensing adhesive into the hole must be completed within the published working time of the adhesive system.

#### **Procedure for Balancing Cartridge:**

1. Remove piston plug assembly from the depleted cartridge.
2. Load a new cartridge into dispensing tool (without a new mixing nozzle).
3. Remove cap and balance cartridge by dispensing adhesive until both components are flowing separately and equally through the cartridge opening.  
Suggest removing any excess adhesive from cartridge opening prior to the next step.
4. Attach the mixing nozzle end of piston plug assembly to the balanced cartridge.
5. Resume dispensing and placement of adhesive into hole.



**Step #3 (Preparation)  
Balancing Cartridge**

Provided these steps are followed, replacing the piston plug assembly with each new cartridge is not necessary. This supplemental procedure for cartridge balancing has been tested and determined to be equivalent to the standard procedures given in the MPII.