DeWALT

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DEWALT Pure50+ and AC100+ Gold Adhesive Anchoring Systems

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

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 color:

- **Dark gray** color for mixed Pure50+
- **Gray** color for mixed AC100+ Gold

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

Procedure for Cartridge Balancing:
1. Remove piston plug assembly from the depleted cartridge.
2. Load a new cartridge into dispensing tool (without 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 nozzle of piston plug assembly to the balanced cartridge.
5. Resume dispensing and placement of adhesive into hole.

Step #3

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.