

Bonding Protocol

3D Printed Metal Appliances

1

Use **Prophy GEL** etch from **Reliance**. Etch the lingual, buccal, and just over the occlusal edge of the tooth. Rinse and dry the teeth. Do not use a self-etching primer as it is contraindicated on this type of appliance.

*TIP *Liquid etch does not work as well as gel etch when using laser sintered bands.*

2

Apply **Assure Plus®** from **Reliance** on the etched enamel surface only. Prime the buccal and lingual, but only prime the whole side of the buccal. Add one brush size dot of **Assure Plus** on the palatal/lingual side of the molar. No light cure is needed. The appliance itself needs no preparation and will already be micro-etched from the lab. Not priming the entire tooth will result in an easier removal. Upon removal, the buccal side of the band should snap off easily.

TIP Do not fully prime both sides (buccal/lingual). Doing so can result in a hard-to-remove appliance.*

3

Apply - **Dual Cure Self Mix BandLok Blue** from **Reliance**. Apply a thin coat of paste to the inside of the band, ensuring all areas are covered. You can use **regular Bandlok Blue**, but that does not have dual-cure properties making it less effective, increasing your chance of debond.

*TIP *If there is an excess of paste flash after seating the appliance, you can light cure the exposed paste for 1 – 2 seconds (no more), and you can remove excess while in a putty type state.*

4

Light cure in a slow circle over the top of the band for 40 seconds. This method takes longer to cure than a bracket due to the surface that must be covered and cured.

