

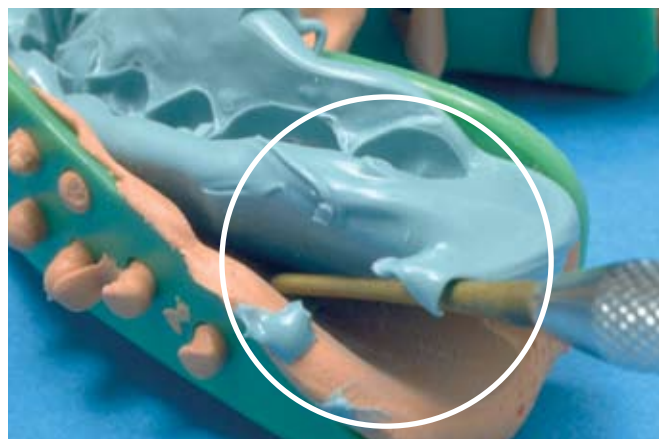
# Delamination

**Visual Appearance:** Heavy body and light body materials not blended, or mixed together.

**Result:** Restoration will not seat or fit properly.

CAUSE	SOLUTION
Exceeding the working time.	Follow manufacturer's working time specifications.
Impression material stored at elevated temperature.	Choose material with longer working time. Store impression material at room temperature.

VPS	SOLUTION
Sulfur or acrylic contamination of pre-set heavy body material in two-step technique.	Avoid contact with sulfur contaminants: Wear gloves proven not to contain traces of sulfur.  Avoid contact with acrylic and methacrylic contaminants: Ensure impression material does not come into contact with methacrylate residue from acrylate temporary materials.



**Poor Bond Between Heavy Body and Light Body Material**

# Poor Bond of Impression Material to the Tray

**Visual Appearance:** Impression pulling away from the sides/bottom of tray.

**Result:** Crown(s) may be tight and not seat fully, or require excessive internal adjustment.

## CAUSE

## SOLUTION

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No tray adhesive used.

Use tray adhesive.

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Incompatible tray adhesive used.

Use appropriate tray adhesive. VPS adhesive for VPS. Polyether adhesive for polyether materials.

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Inadequate drying time for tray adhesive.

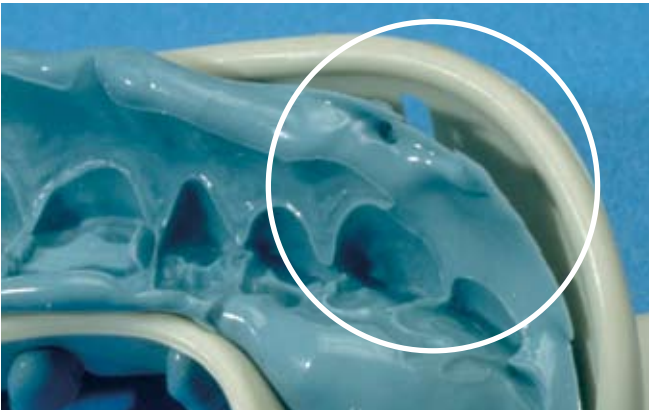
Follow manufacturer's instructions for application, and drying time.

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Thin plastic trays allow deflection, which can cause rebound upon removal.

Use a tray that fits better, and is stiffer and more rigid.

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**Separation of Material from Tray**