

Panasil (2018 Preferred Product)

Category: Impression Material - VPS (Addition Silicone)

Kettenbach www.kettenbach.com



CONSULTANTS' COMMENTS

- “I like the viscosity of the light body—little to no voids, bubbles or drags.”
- “The heavy-bodied material extruded easily compared with most heavy-bodied materials. The light- and heavy-bodied materials always blended together seamlessly and the heavy-bodied material provided excellent detail without drag.”
- “Easy to use, fast setting, good color contrast and good flow.”
- “The setting times seemed to be slower than indicated in the instructions.”
- “Put light and x-light materials in small syringes.”

DESCRIPTION

Panasil is a line of addition-curing silicones (VPS) impression materials with hydrophilic properties. A variety of six viscosities and two set times exists. **Panasil** can be used for one- or two-step crown-and-bridge impression techniques as well as denture and reline impressions. Three viscosities of the fast-set material were evaluated: **Panasil tray fast** and **Panasil initial contact light fast** and *x-light fast*. **Panasiltray fast** is a heavy-bodied material for use in the tray and for functional impressions. **Panasil initial contact fast** is a syringeable impression material for capturing fine detail around prepared teeth and soft tissue. **Panasil initial contact fast** has a working time of one minute with an intraoral setting time of two minutes; total setting time is three minutes. **Panasil initial contact light fast** is available in 50-ml automix cartridges. **Panasil tray fast** is also available in cartridge and foil bags for use in an automatic mixer. Each box contains two 50 ml cartridges of material with 6 or 12 mixing tips. **Panasil** was used by 21 consultants in 325 cases. **Panasil** received a 96% clinical rating.

CLINICAL OBSERVATIONS

Manufacturer's Instructions/Packaging

Consultants rated instructions and packaging as good. It was suggested that *light* and *x-light* materials be packaged in small syringes.

Ease of Mixing

Consultants reported that **Panasil** was easy to mix. The heavy-bodied material extruded easily compared to most heavy-bodied materials.

Viscosity of Light/X-Light/Tray Material

Eighty-one percent of consultants used a one-step technique and 67% preferred the heavy-body/light-body combination. The *light/x-light* material blends seamlessly with the *tray* material.

Working/Setting Time

Working times received a high rating. Consultants observed that setting times seemed to be slower than indicated in the instructions.

Ease of Removal from Mouth

Ease of removal of impressions from the mouth received a good rating.

Taste/Scent

Taste and scent received good ratings.

Tear Resistance

No tearing was reported, and labs could pour the impressions multiple times.

Accuracy/Detail

Consultants reported that **Panasil** had excellent detail. The *tray* material provided excellent detail without drag.

Lack of Voids/Bubbles

Consultants reported that **Panasil** had few to no bubbles when mixed.

Color Contrast/Ease of Reading Margins

The good color contrast of **Panasil** enhances the ability to read detail in the impression.

Overall Rating

Forty-three percent of consultants reported that **Panasil** was better, whereas 57% reported it was the same as their current impression material. Seventy-one percent would switch and 95% would recommend it.

CLINICAL TIPS

- Blow air on the preparation after syringing the light body material to push the material below the margins—excellent detail without any air bubbles and voids.
- Wait a little bit longer than the recommended setting time to ensure complete set.