

## Quick guide

### Welcome to PalaXtreme!

Thank you for choosing Kulzers new high-impact, self-curing denture acrylic.

As you might have used other denture acrylic before, please note that there are some differences in the handling of the acrylic. We highlighted the most important differences in this quick guide for you.



If you have questions regarding our products, please don't hesitate to contact our Kulzer service centre:

[info.australia@kulzer-dental.com](mailto:info.australia@kulzer-dental.com)

### Looking for a multi-functional allrounder? Try PalaXpress!

PalaXpress is suitable for several indications. It can be poured as well as injected with Palajet.

Its unique formulation offers an exceptionally broad range of processing options, with injection and pouring techniques.



**KULZER**  
MITSUI CHEMICALS GROUP

## Product characteristics



### Viscosity & Colour

- **Low viscosity** for easier handling of pouring technique
- **Milky appearance** of liquid is normal and has no influence on the end result

### Compatibility

- **Liquid & powder of PalaXtreme are not compatible** with PalaXpress ultra
- Don't mix both products among each other

## Process

Procedure	 Pouring Procedure	 Injection Procedure
Mixing ratio	10 g powder: 6 <b>g</b> liquid ! For an optimal result it is imperative to stick to the mixing ratio	20 g powder: 12 <b>g</b> liquid ! For an optimal result it is imperative to stick to the mixing ratio
Mixing instructions	<ul style="list-style-type: none"> <li>• Place liquid in mixing cup</li> <li>• Add specified volume of powder immediately</li> <li>• Stir to form a homogenous mass for 30 sec.</li> </ul>	<ul style="list-style-type: none"> <li>• Place liquid in mixing cup</li> <li>• Add specified volume of powder immediately</li> <li>• Stir to form a homogenous mass for 30 sec.</li> </ul>
Processing & Polymerisation	<ul style="list-style-type: none"> <li>• Pour about 3 min after mixing at room temperature of 23°C (73°F)</li> <li>• Plastic phase: <b>after 6 min.</b> (lasting approx <b>3 min.</b>)</li> <li>• Surface of the mixture should have a dull appearance</li> <li>• For polymerisation in the Palamat® elite or Palamat® premium: allow material to bench cure for min. 7 min. / max. 13 min.</li> <li>• Polymerisation time in pressure vessel e.g. Palamat® elite or Palamat® premium: 30 min</li> <li>• Water temperature: 55°C (131°F)</li> <li>• Pressure: 2 bar</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Inject when the mixture has a dull surface</b></li> <li>• Waiting time between mixing start and injection at 23°C (73°F): <b>7–8 min.</b> (times may vary depending on temperature and mixing volume)</li> <li>• Polymerisation time in pressure vessel e.g. Palamat® elite or Palamat® premium: 30 min</li> <li>• Water temperature: 55°C (131°F)</li> <li>• Pressure: 2 bar</li> </ul>

## Post-process

### Grinding behaviour & Polishing

- Material feels slightly more flexible while grinding
- Polishing works as usual

## Application tips

Special aspects	Recommendation
Liquid – contains residue/ lubricant film	Do not spill liquid. Avoid skin contact with liquid.
Mixing ratio	Comply with given mixing ratio. Avoid too much liquid.
Polymerisation time	Please comply with IFU. e.g. full denture: 30 min. thicker pieces: 40 min.
Polymerisation temperature	Please comply with IFU. Comply with 55°C.
Impact of milling cutter	Recommendation of milling cutters to produce material chips that are shorter, more fine-grained and less sharp-edged, which means less abrasion to the skin: <ul style="list-style-type: none"> <li>■ Cutter with cross-cut toothing e.g. FSQ-cutter (sharp toothing for acrylics with cross cut dividing the instrument blades into smaller segments)</li> <li>■ Diamond cutter</li> </ul>
Post-processing	Whilst post-processing the material, please comply with protective measures: <p>Please wear:</p> <ul style="list-style-type: none"> <li>■ Protective goggles</li> <li>■ Long-sleeved protective clothing</li> <li>■ Dust mask</li> <li>■ Protective gloves</li> </ul> <p>Please use:</p> <ul style="list-style-type: none"> <li>■ Suction system with protective screen</li> <li>■ Grinding/polishing box</li> </ul> <p>Grinding particles: Can be sharp-edged, abrasive.</p> <ul style="list-style-type: none"> <li>■ Remove chips regularly from workbench and your body.</li> </ul>

## Contact in Australia

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