

## Quick start guide

## V 2.1

Mixing values for **PrimaVest®-DUO** for lithium disilicate ceramics (except Celtra®Press) and all other pressable ceramics with a thermal expansion coefficient up to a value of over 17.

1. For **220 g** of powder **44 ml** total liquid

For lithium disilicate ceramics **Amber Press\*** (e.max\*\*) (pressing temperature 890°-930°C):  
**10 ml** (9 ml e.max\*\*) concentrate Universal, **34 ml** (25 ml e.max\*\*) dem. water  
for crowns, crowns in part, veneers and 2-3 fl. inlays

For all other deep-melting press ceramics (pressing temperature up to 960°C):  
**16 ml** concentrate Universal, **28 ml** dem. water

For high-melting press ceramics (pressing temperature over 1050°C):  
**20 ml** concentrate Universal, **24 ml** dem. water

for **110 g** of powder **22 ml** total liquid

**5 ml** concentrate Universal, **17 ml** demineralised water for lithium disilicate  
**8 ml** concentrate Universal, **14 ml** demineralised water for deep-melting press ceramics  
**10 ml** concentrate Universal, **12 ml** demineralised water for high-melting press ceramics

2. Mix for **3 minutes** in a vacuum at a processing temperature of **23-24 °C!**  
Mix for **3,5 minutes** in a vacuum at a processing temperature of **22 °C!**  
The mixing speed should be **400 rpm** at least, preferably **450 rpm**.
3. Processing range **5-6 minutes**, curing time **30 minutes**, then put in the furnace at the earliest.  
After 25 minutes or at any later time (within 1 week) put in the hot furnace for speed preheating (60 minutes hold time at 850°C). Conventional preheating within 24 hours, put in the cold furnace, 60 minutes hold time at 300°C, continue with a climb time of 9°C per minute up to the final temperature of 850°C and hold 30 minutes at least.
4. For small und big muffles speed preheating up to **850°C** is possible (proportion of concentrate max. 65% or less). Big muffles with proportion of concentrate over 65% should be put in the furnace at max. 600°C, 30 minutes hold time and climb time of 9°C per minute up to the final temperature of 850°C, hold time 30 minutes.
5. Thin reaction coat of lithium disilicate ceramics radiate with **50 my** of aluminium oxide under pressure of **1-2 bars**. Please refer for the further processing to the instructions of the manufacturer of the pressable ceramics.

**Important: Process the investment material only at room temperature of 22 – 24°C and mix 3 minutes!**

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