

Quick start guide

V 2.1

Mixing values for **PrimaVest®-PRESS Universal** for lithium disilicate ceramics, lithium silicate and all other pressable ceramics with a thermal expansion coefficient up to a value of about 17.

1. For **220 g** of powder **48 ml** total liquid (exception: 52 ml for Celtra® and 4 min. mixing time)

For **lithium disilicate ceramics** (pressing temperature 890°-930°C):

11 ml concentrate Universal, 37 ml dem. water (Amber Press*)

10 ml concentrate Universal, 38 ml dem. water (e.max** and all other lithium disilicate))

for crowns, crowns in part, veneers and 2-3 fl. Inlays

For lithium-silicate Celtra®: 18 ml concentrate Universal, 34 ml dem. Water =
52 ml total and a mixing time of 4 minutes !

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

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

for **110 g** of powder **24 ml** total liquid (exception : 26 ml for Celtra® and 4 min. mixing time)

5,5 ml concentrate Universal, 18,5 ml dem. water (Amber Press*)

5 ml concentrate Universal, 19 ml dem. water (e.max** and all other lithium disilicate)

9 ml concentrate Universal, 17 ml dem. Water (Celtra®Press = 26 ml and 4 min. mixing time)

10 ml concentrate Universal, 14 ml dem. water for deep-melting press ceramics

14 ml concentrate Universal, 10 ml dem. water for high-melting press ceramics

2. Mix for **3 minutes** at a processing temperature of **23-24 °C**,
3,5 minutes at a processing temperature **of 22°C** under vacuum. 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. For speed preheating: after 30 minutes or at any later time (within 1 week) in the hot furnace (60 minutes hold time at 850°C). For conventional preheating overnight: 60 minutes hold time at 300°C, continue with a climb time up to 9°C per minute to the final temperature of 850°C and hold 30 minutes at least.
4. 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 at least!