

TECHNIQUE GUIDE

CREATION^(R) SURPRISE^(R) SHOULDER PORCELAINS

The **SURPRISE** shoulder porcelain, part of the Creation system, is composed of three opacous porcelains (SP 27, SP 28, and SP29) used to mask the casting edge and six iridescent porcelains (SP 21 through 26) that will transmit light to the sub-gingival and prevent greying of the tissue.

Seal dies with a cyanoacrylate and then lubricate with the **CREA-PEN^(TM)** before applying the shoulder porcelain. Mix the shoulder porcelains with the Shoulder liquid (SPL). This liquid should be used to re-wet shoulder porcelain that dries on the slab.

The following table is a guide for shade matching.

<u>SHADE</u>	<u>OPAQUE BEAD</u>	<u>SHOULDER PORCELAIN(S) SHADE(S)</u>	<u>RATIO</u>
A-1	27	22 & 21	3 TO 1
A-2	28	22	100%
A-3	28	23 & 25	2 TO 1
A-3.5	29	24 & 25	1 TO 1
A-4	29	24 & 25	2 TO 1

B-1	27	21 & 22	4 TO 1
B-2	28	21 & 22	2 TO 1
B-3	28	23	100%
B-4	28	24 & 23	3 TO 1

C-1	27	22 & 26	1 TO 1
C-2	28	26 & 22	2 TO 1
C-3	28	26 & 25	3 TO 1
C-4	28	26 & 25	4 TO 1

D-2	28	22 & 25	4 TO 1
D-3	28	22 & 25 & 26	3 TO 2 TO 1
D-4	28	22 & 25	3 TO 1

FIRING:

Entry Temperature:	600°C (1110°F)
Dry Time:	2 Minutes
Heat in Vacuum:	80°C/min. to 950°C (145°F/min to 1740°F)
Hold in Air:	1 Minute at 950°C (1740°F)

