

내화성 모형을 이용한 Porcelain Laminate Veneer 제작

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金 容 源

목 차

1. Master cast	refractory cast
2. Refractory cast	platinum foil
3. Degassing	refractory cast
4. Porcelain build up	Porcelain laminate veneer
5. Staining	0.5 0.8mm
6. Finishing	margin chamfer
	master cast
	master cast refractory
	cast d-egassing build

I. 서 론

II. Porcelain laminate veneer의 제작과정

1. Master cast의 제작

가 .
 full crown
 Porcelain Laminate Veneer
 finishing line
 chair time
 metal crown metal coping
 가
 Porcelain Laminate Veneer
 castable apatite ceramic material

improved stone mix
 (30 60mm) Humidor -
 s-tone cast
 cast trimming
 master cast margin trimming
 die spacer margin 1mm
 die spacer
 가 resin
 가 porcelain 가
 die spacer
 cast undercut block out silicone
 based lubricant master Cast coating
 cast

(1)

2. Refractory cast의 제작

refractory material Humido
 refractory cast가
 refractory cast trimming
 trimming
 trimming slurry

3. Degassing

refractory cast
 degassing
 furnace refractory cast 1200-
 1400 가
 porcelain furnace 20-30 heat
 soaking
 720-760mmHg 1900-
 1950 75 /min
 1900-1950 3-6
 Refractory cast furnace glass
 cover . < 3>

4. Porcelain build up

refractory cast 4-5
 soaking sealant
 die porcelain bearing
 sealant
 refractory cast dentin porcelain,
 enamel porcelain, translucent porcelain
 650 furnace
 10-15 720-760mmHg
 650-940 50-60 /min
 refractory cast furnace
 10-15
 glass cover . Cast가
 porcelain
 2
 Porcelain
 glazing . < 4>

5. Finishing

Cast가 bur

refractory material
 pen blaster aluminum oxide
 . < 5>
 Rubber who porcelain flash
 over extension . (6)
 porcelain laminate veneer ultrasonic cleaner
 3 2N Hydrochloric acid 15
 veneer etching . < 7>
 50% 60
 bonding agent
 light-cured composite resin bonding

III. 고찰 및 결론

porcelain laminate
 veneer
 PFM Platinum foil
 가
 Degassing gas
 가 refractory cast porcelain
 refractory
 cast veneer
 가
 shade
 가

IV. 참고문헌

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