

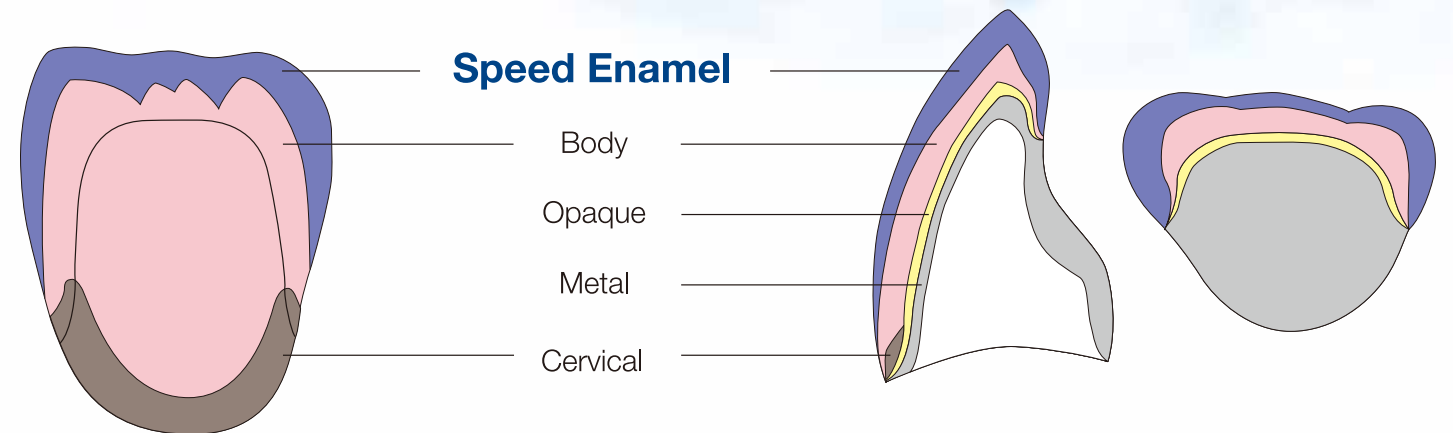
Super Porcelain **EX-3**

# SPEED ENAMEL

EX-3 Speed Enamel is a new item specially developed for 2 layers build-up technique. Comparing with the conventional enamel, Speed Enamel has a beautiful opalescent effect. The esthetic restoration can be obtained easily with a simple application method. It is suitable to not only esthetic work but mass-production.

Start your simple & beautiful work with Speed Enamel NOW !

## 2 Layers Build-up Technique with Noritake Speed Enamel



## Clinical Case Application

1 After Paste Opaque application and bake

2 Pick Body and Speed Enamel

3 Body Application

4 Cut-back

5 Mamelon Structure

6 Apply Speed Enamel on Mamelon Structure

7 Apply Speed Enamel covering half of the surface

8 Cut-Back (lingual side)

9 Apply Speed Enamel on the lingual side

10 After bake and morphological correction

11 Apply Speed Enamel on the proximal area

12 Finish

## Color Combination Table

	A <sub>1</sub>		A <sub>2</sub>		A <sub>3</sub>		A <sub>3.5</sub>		A <sub>4</sub>		B <sub>1</sub>		B <sub>2</sub>		B <sub>3</sub>		B <sub>4</sub>	
Paste Opaque	POA <sub>1</sub>	POnA <sub>1</sub>	POA <sub>2</sub>	POnA <sub>2</sub>	POA <sub>3</sub>	POnA <sub>3</sub>	POA <sub>3.5</sub>	POnA <sub>3.5</sub>	POA <sub>4</sub>	POnA <sub>4</sub>	POB <sub>1</sub>	POnB <sub>1</sub>	POB <sub>2</sub>	POnB <sub>2</sub>	POB <sub>3</sub>	POnB <sub>3</sub>	POB <sub>4</sub>	POnB <sub>4</sub>
Universal Paste Opaque	UPnA <sub>1</sub>		UPnA <sub>2</sub>		UPnA <sub>3</sub>		UPnA <sub>3.5</sub>		UPnA <sub>4</sub>		UPnB <sub>1</sub>		UPnB <sub>2</sub>		UPnB <sub>3</sub>		UPnB <sub>4</sub>	
Powder Opaque	A <sub>1</sub> O	nA <sub>1</sub> O	A <sub>2</sub> O	nA <sub>2</sub> O	A <sub>3</sub> O	nA <sub>3</sub> O	A <sub>3.5</sub> O	nA <sub>3.5</sub> O	A <sub>4</sub> O	nA <sub>4</sub> O	B <sub>1</sub> O	nB <sub>1</sub> O	B <sub>2</sub> O	nB <sub>2</sub> O	B <sub>3</sub> O	nB <sub>3</sub> O	B <sub>4</sub> O	nB <sub>4</sub> O
Margin	MA <sub>1</sub>		MA <sub>2</sub>		MA <sub>3</sub>		MA <sub>3.5</sub>		MA <sub>4</sub>		MB <sub>1</sub>		MB <sub>2</sub>		MB <sub>3</sub>		MB <sub>4</sub>	
Opacious Body	OBA <sub>1</sub>		OBA <sub>2</sub>		OBA <sub>3</sub>		OBA <sub>3.5</sub>		OBA <sub>4</sub>		OBB <sub>1</sub>		OBB <sub>2</sub>		OBB <sub>3</sub>		OBB <sub>4</sub>	
Body	A <sub>1</sub> B	nA <sub>1</sub> B	A <sub>2</sub> B	nA <sub>2</sub> B	A <sub>3</sub> B	nA <sub>3</sub> B	A <sub>3.5</sub> B	nA <sub>3.5</sub> B	A <sub>4</sub> B	nA <sub>4</sub> B	B <sub>1</sub> B	nB <sub>1</sub> B	B <sub>2</sub> B	nB <sub>2</sub> B	B <sub>3</sub> B	nB <sub>3</sub> B	B <sub>4</sub> B	nB <sub>4</sub> B
Cervical	—		A <sub>2</sub> B+CV-1 (2+1)		A <sub>3</sub> B+CV-1 (1+1)		A <sub>3.5</sub> B+CV-1 (1+1)		CV-1		—		B <sub>2</sub> B+CV-2 (2+1)		B <sub>3</sub> B+CV-2 (1+1)		CV-2	
Enamel	E <sub>2</sub>		E <sub>2</sub>		E <sub>3</sub>		E <sub>3</sub>		E <sub>3</sub>		E <sub>1</sub>		E <sub>2</sub>		E <sub>3</sub>		E <sub>3</sub>	
Speed Enamel	S <sub>2</sub>		S <sub>3</sub>		S <sub>3</sub>		S <sub>3</sub>		S <sub>4</sub>		S <sub>1</sub>		S <sub>3</sub>		S <sub>3</sub>		S <sub>4</sub>	
External Stain	A+										B+							

	C <sub>1</sub>		C <sub>2</sub>		C <sub>3</sub>		C <sub>4</sub>		D <sub>2</sub>		D <sub>3</sub>		D <sub>4</sub>	
Paste Opaque	POC <sub>1</sub>	POnC <sub>1</sub>	POC <sub>2</sub>	POnC <sub>2</sub>	POC <sub>3</sub>	POnC <sub>3</sub>	POC <sub>4</sub>	POnC <sub>4</sub>	POD <sub>2</sub>	POnD <sub>2</sub>	POD <sub>3</sub>	POnD <sub>3</sub>	POD <sub>4</sub>	POnD <sub>4</sub>
Universal Paste Opaque	UPnC <sub>1</sub>		UPnC <sub>2</sub>		UPnC <sub>3</sub>		UPnC <sub>4</sub>		UPnD <sub>2</sub>		UPnD <sub>3</sub>		UPnD <sub>4</sub>	
Powder Opaque	C <sub>1</sub> O	nC <sub>1</sub> O	C <sub>2</sub> O	nC <sub>2</sub> O	C <sub>3</sub> O	nC <sub>3</sub> O	C <sub>4</sub> O	nC <sub>4</sub> O	D <sub>2</sub> O	nD <sub>2</sub> O	D <sub>3</sub> O	nD <sub>3</sub> O	D <sub>4</sub> O	nD <sub>4</sub> O
Margin	MC <sub>2</sub> +MDL (1+1)		MC <sub>2</sub>		MC <sub>4</sub> +MDL (1+1)		MC <sub>4</sub>		MD <sub>3</sub> +MDL (1+1)		MD <sub>3</sub>		MD <sub>4</sub>	
Opacious Body	OBC <sub>1</sub>		OBC <sub>2</sub>		OBC <sub>3</sub>		OBC <sub>4</sub>		OBD <sub>2</sub>		OBD <sub>3</sub>		OBD <sub>4</sub>	
Body	C <sub>1</sub> B	nC <sub>1</sub> B	C <sub>2</sub> B	nC <sub>2</sub> B	C <sub>3</sub> B	nC <sub>3</sub> B	C <sub>4</sub> B	nC <sub>4</sub> B	D <sub>2</sub> B	nD <sub>2</sub> B	D <sub>3</sub> B	nD <sub>3</sub> B	D <sub>4</sub> B	nD <sub>4</sub> B
Cervical	—		C <sub>2</sub> B+CV-3 (2+1)		C <sub>3</sub> B+CV-3 (1+1)		CV-3		D <sub>2</sub> B+CV-4 (2+1)		D <sub>3</sub> B+CV-4 (1+1)		CV-4	
Enamel	E <sub>2</sub>		E <sub>3</sub>		E <sub>3</sub>		E <sub>3</sub>		E <sub>2</sub>		E <sub>3</sub>		E <sub>3</sub>	
Speed Enamel	S <sub>3</sub>		S <sub>3</sub>		S <sub>3</sub>		S <sub>4</sub>		S <sub>3</sub>		S <sub>3</sub>		S <sub>4</sub>	
External Stain	C+										D+			

	NP <sub>1.5</sub>		NP <sub>2.5</sub>		NW <sub>0</sub>		NW <sub>0.5</sub>		EW <sub>00</sub>		EW <sub>0</sub>		EW		EWY	
Paste Opaque	PONP <sub>1.5</sub>	PONP <sub>2.5</sub>	PONW <sub>0</sub>	PONW <sub>0.5</sub>	POEW <sub>0</sub>	POEW <sub>0</sub>	POEW	POEW	POEW	POEW	POEW	POEW	POEW	POEW	POEW	POEW
Universal Paste Opaque	UPNP <sub>1.5</sub>		UPNP <sub>2.5</sub>		UPNW <sub>0</sub>		UPNW <sub>0.5</sub>		UPEW <sub>0</sub>		UPEW <sub>0</sub>		UPEW		UPEW	
Powder Opaque	NP <sub>1.5</sub> O	NP <sub>2.5</sub> O	NW <sub>0</sub> O	NW <sub>0.5</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O	EW <sub>0</sub> O
Margin	MNP <sub>1.5</sub>	MNP <sub>2.5</sub>	MNW <sub>0</sub>	MNW <sub>0.5</sub>	MDL	MDL	MDL	MDL	MDL	MDL	MNW <sub>0</sub> +MDL (1+1)	MNW <sub>0</sub> +MDL (1+1)	MNW <sub>0</sub> +MDL (1+1)	MNW <sub>0</sub> +MDL (1+1)	MNW <sub>0</sub> +MDL (1+1)	MNW <sub>0</sub> +MDL (1+1)
Opacious Body	OBNP <sub>1.5</sub>	OBNP <sub>2.5</sub>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Body	NP <sub>1.5</sub> B	NP <sub>2.5</sub> B	NW <sub>0</sub> B	NW <sub>0.5</sub> B	EW <sub>00</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B	EW <sub>0</sub> B
Cervical	—		NP <sub>2.5</sub> B+CV-1 (2+1)		—		—		—		—		—		—	
Enamel	E <sub>2</sub>		E <sub>2</sub>		Silky E <sub>2</sub>		Silky E <sub>2</sub>		Silky E <sub>1</sub>		Silky E <sub>1</sub>		Silky E <sub>2</sub>		Silky E <sub>2</sub>	
Speed Enamel	S <sub>2</sub>		S <sub>3</sub>		S <sub>1</sub>		S <sub>1</sub>		ELT2		ELT2		ELT1		ELT1	
External Stain	A+				B+		A+		—							

## Baking Schedule

	Dry-out time	Low Temperature		Start Vacuum		Heat Rate		Vacuum Level	Release Vacuum		Hold Time	High Temperature		Cool Time
	min.	°C	°F	°C	°F	°C/min.	°F/min.	kPa *	°C	°F	min.	°C	°F	min.
Body / Enamel / S.Enamel / Translucent (1-3 units)	7	600	1112	600	1112	45	81	96	920	1688	0	930	1706	0
Body / Enamel / S.Enamel / Translucent (4-6 units)	10	600	1112	600	1112	45	81	96	925	1696	0	935	1715	0
Body / Enamel / S.Enamel / Translucent (Over 7 units)	15	600	1112	600	1112	45	81	96	930	1706	0	940	1724	0

**Note** The above program is only a guideline. Baking temperature may be varied with the peculiarities of different furnace. \* 96kPa = 72cmHg (29 inchesHg)

## SYMBOLS USED IN A LABEL

	MANUFACTURER		USE BY		LOT		BATCH CODE		EU Authorized Representative		0120
	CAUTION, CONSULT ACCOMPANYING DOCUMENTS. ATTENTION, SEE INSTRUCTIONS FOR USE.		EC REP		AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY	Name: EMERGO EUROPE Address: Molenstraat 15, 2513 BH, The Hague, The Netherlands					

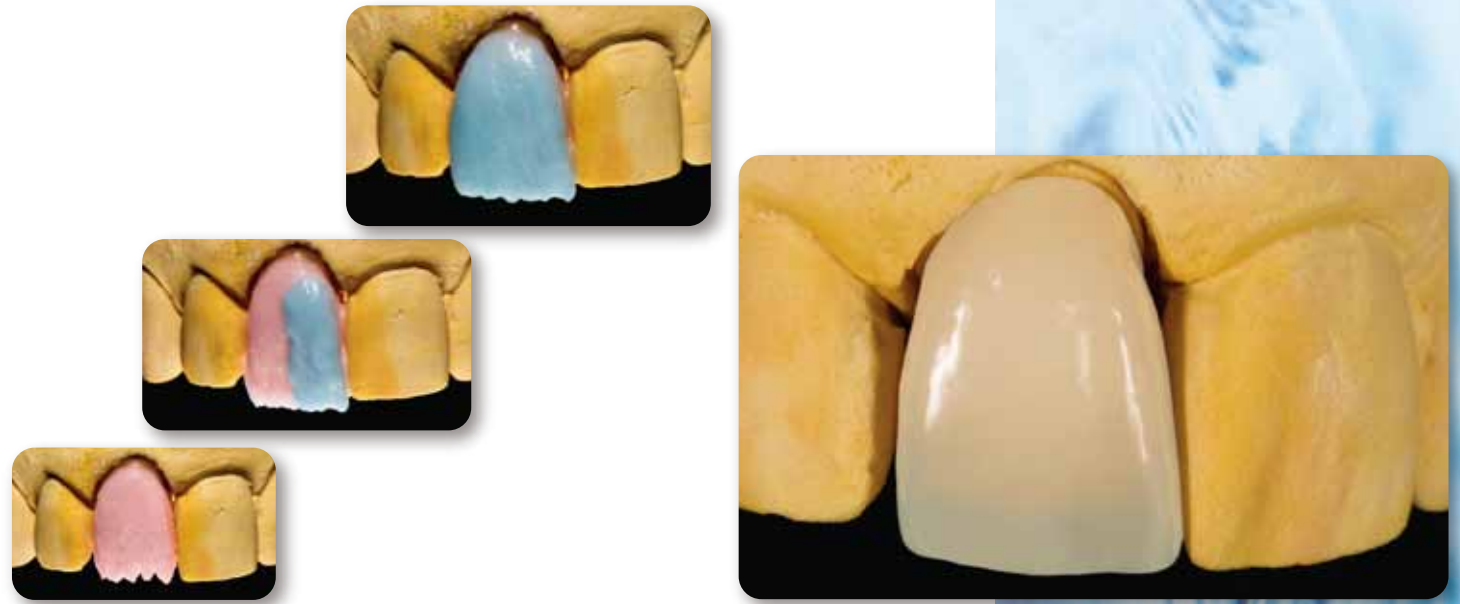
*Noritake*

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*Noritake*

Super Porcelain **EX-3**

**SPEED ENAMEL**



► Simple ► Esthetic ► Efficient

2 layers build-up technique

A beautiful opalescent effect

Precise shade achieved with a simple and easy method

Suitable for both esthetic work and mass-production

