

Colour stains for glazes

Colorantes para esmaltes

Glasurfarbkörper

Coloranti per smalti ceramici

TRANSPARENT GLAZE	OPAQUE GLAZE	TRANSPARENT GLAZE	OPAQUE GLAZE
			
SLG 407 & 407A Zr-Si-Pr Amarillo Sol, Sun Yellow, Sonnengelb, Giallo Sole		SLG 403A Zr-Si-Fe Rojo Coral, Coral Red, Korallenrot, Rosa Corallo	
			
SLG 416N & 416F Zr-Si-V Azul Celeste, Azure Blue, Azurblau, Turchese Intenso		SLG 428 Cr-Co Verde Esmeralda, Emerald Green, Smaragdgrün, Verde Smeraldo	
			
SLG 442 Cr-Fe-Zn Marrón Oscuro, Dark Brown, Dunkelbraun, Bruno Scuro		SLG 436 Co-Al Azul Cobalto, Cobalt Blue, Kobaltblau, Blu Cobalto	
			
SLG 409 Cr-Fe-Ni Ébano, Ebony, Ebenholz, Ebano		SLG 426 Co-Si Azul Cosmos, Cosmos Blue, Kosmosblau, Blu Cosmo	
			
SLG 417-1 Cr-Co-Fe-Ni/ Negro Intenso, Deep Black, Tiefschwarz, Nero Intenso		SLG 427 Sn-Ca-Si-Cr Rubí, Ruby, Rubin, Rubino	
			
SLG 55-8A Zr-Si-Cd-S Amarillo Sol, Sun Yellow, Sonnengelb, Giallo Sole			
			
SLG 55-8B Zr-Si-Cd-Se Mandarina, Tangerine, Mandarin, Mandarino		SLG 55-10U & 10T Zr-Si-Cd-Se Rojo Fuego, Fire Red, Feuerrot, Rosso Fuoco	

Chemical effect of the glaze components on colour development

PIGMENT	Composition	Firing Up to	K ₂ O Na ₂ O	CaO	ZnO	PbO	Al ₂ O ₃	B ₂ O ₃	ZrO ₂	SnO ₂
Yellow-Orange										
SLG 407	Zr-Si-Pr	1300° C	-	0	0	0	0	0	+	0
SLG 407A	Zr-Si-Pr	1300° C	-	0	0	0	0	0	+	0
SLG55-8A	Zr-Si-Cd-S	1250° C	0	0	-	+	0	-	+	0
SLG55-8B	Zr-Si-Cd-Se	1250° C	0	0	-	+	0	-	+	0
Rose-Red										
SLG 403A	Zr-Si-Fe	1300° C	-	0	-	-	0	-	+	0
SLG 55-10T	Zr-Si-Cd-Se	1250° C	0	0	-	+	0	-	+	0
SLG 55-10U	Zr-Si-Cd-Se	1250° C	0	0	-	+	0	-	+	0
Turquoise										
SLG 416F	Zr-Si-V	1300° C	0	0	0	0	0	0	+	+
SLG 416N	Zr-Si-V	1300° C	0	0	0	0	0	0	+	+
Brown										
SLG442	Cr-Fe-Zn	1300° C	-	0	+	+	+	-	0	0
Pink-Violet										
SLG427	Sn-Ca-Si-Cr	1250° C	0	+	-	+	0	-	0	+
Green										
SLG428	Cr-Co	1300° C	0	0	-	0	0	0	0	0
Blue										
SLG436	Co-Al	1300° C	0	0	+	0	+	0	0	0
SLG426	Co-Si	1300° C	0	0	+	0	0	0	0	0
Black										
SLG 409	Cr-Fe-Ni	1300° C	+	+	-	0	-	0	-	-
SLG 417-1	Cr-Co-Fe-Ni	1300° C	+	+	-	0	-	0	-	-