

COLOROBRIA®

Precious Metals for Decoration of Ceramic Tiles

Glossy Gold

Glossy Platinum

Lusters

Auxiliary products

Firing Temperatures

Glossy Gold

Product	Colour	Form	Application	Wall	Floor	Vetrofusion	High Temp	Notes
X18	Reddish	L	Paintbrush	*	*	*		Visc. Approx.: 65 mPas
X63	Yellow	P	Printing	*	*	*		
X69	Yellow	P	Printing/Transfer	*	*	*		Suitable for decoration of sanitaryware
X4L	Lemon Yellow	P	Printing	*	*	*		Firing between 760 – 830 C
X7L	Lemon Yellow	P	Printing/Transfer	*	*	*		
GWS-3290	Reddish	P	Printing	*	*		*	Suitable for high temp. máx. 1000 C. Resistant to abrasion.

L = Liquid; P = Paste

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Glossy Platinum

Product	Colour	Form	Application	Wall	Floor	Vetrofusion	High Temp	Notes
PAX-5018	Metallic White	P	Printing	*	*	*		
PAX-5596	Metallic Grey	P	Printing	*	*		*	Suitable for high Temp máx 1000 C.
PAX-5654	Metallic Grey	P	Printing	*	*	*		
PAX-5682	Metallic White	P	Printing	*	*			Formulation based on Paladium (Pd)
PAXD-5628	Metallic White	P	Printing/Transfer	*	*	*		Suitable for sanitary ware decoration

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Lusters

Product	Colour	Form	Application	Wall	Floor	Vetrofusione	High Temp	Notes
LGP-20	Mirror metal	L	Paintbrush/Airbrush	*	*			Water soluble product
LIP-17	Iridiscent	L	Paintbrush/Airbrush	*	*			Water soluble product
LIP-21	Iridiscent	L	Paintbrush/Airbrush	*	*			
LBS-24	Turquoise	P	Printing	*	*			
LBS-26	Dark Blue	P	Printing	*	*			
LBS-27	Sky-blue	P	Printing	*	*			
LGS-13	Metallic	P	Printing	*	*			
LGS-16	Grey	P	Printing	*	*			
LGS-19	Mirror metal	P	Printing	*	*		*	Indicated for high temp. máx. 1000 C
LGS-21	Mirror metal	P	Printing	*	*			
LIS-14	Iridiscent	P	Printing	*	*			
LJS-19	Orange	P	Printing	*	*			
LJS-21	Yellow	P	Printing	*	*			
LMS-4	Brown	P	Printing	*	*			
LRS-28	Red	P	Printing	*	*			
LRS-38	Copper	P	Printing	*	*			
LRS-49	Golden Copper	P	Printing/transfer	*	*			Suitable for decoration of ceramic sanitary ware
LVS-19	Green	P	Printing	*	*			

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Auxiliary Products

Product	Description	Form	Notes
DIL-1	Marbling	L	Water-soluble solution for obtaining marble effect on the liquid products indicated.
DIL-8	Solvent	L	Slow drying solvent. Indicated for liquid products.
DIL-17	Solvent	L	Base solvent for liquid products.
DIM-610	Solvent	L	Medium Oily base. Indicated for products in the form of paste for direct printing (not transfer)
DIM-647	Solvent	L	Medium oily base of fast drying. Indicated for products in paste form for direct printing (not transfer)
CG-45	Colodium	P	Yellow colodium. Suggested screen from 18 to 32 mesh
CT-552	Colodium	P	Transparent colodium. Suggested screen from 18 to 32 mesh

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FIRING TEMPERATURES

Materials	Celsius degrees	Fahrenheit Degrees	Segger Cones
Ceramic Tiles Normal firing	780 – 850 C	1436 – 1562 F	
Ceramic Tiles High Temp. firing	850 – 1000 C	1562 – 1832 F	
Sanitary Ceramic Slow cycle firing (>4h)	800 – 850 C	1472 – 1562 F	

The firing temperatures described should be considered only informative. These parameters depend on diverse factors as: type of kiln, cycle of firing, type of glaze and shape of the decorated object. We suggest, therefore, before initiating the production, to carry out the necessary preliminary tests to define the best conditions of firing.

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