



CERAMVETRO GOLD<sub>sr.l.</sub>

CATALOGUE

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# DECAL LINE

COVERCOAT  
MEDIUM K SERIES  
DECALSTICK

## Covercoat

### General information

Covercoat for decals, produced by Ceramvetro since 1949; is in continuous evolution according to the needs of the market.

Ceramvetro has developed several kinds of covercoat, with three colors available: yellow, pink and transparent.

### Main characteristics

- Perfect result with every kind of decal, both for ceramic and glass
- Great compatibility with every kind of colors
- Can be printed by automatic, and semi automatic machine and manual too
- Long durability on the paper
- Light smell
- Silicon free

### Application

Collodio is printed by serigraphy process (from 21 to 27 meshes per square meter).

Drying time is 6 to 8 hours at room temperature or in 40 minutes with vertical driers.

### Packaging

20kg, 25kg, 200kg drums

Collodio Index		
Code	Charateristics	Notes
440	oil, available in several colors and elasticities	standard and historical product of Ceramvetro
440WAX	oil,with addition of wax, available in several colors and elasticities	made for the decal producers who wants to avoid the use of interfoil
440F	oil, with addition of starch, available in several colors and elasticities	made for the decal producers who wants to avoid the use of interfoil, can be used together with our Decalstick (glue to stick decals directly on raw glaze)
Z53	thixotropic, available in several colors and elasticities	the ultimate evolution of covercoat, well accepted by the big brands of ceramic industry; thought for vertical dries, as it doesn't drain

## Medium K Series

### General informations

An essential element to mix ceramic colors, our medium is studied to give best results to any color.

### Main characteristics

- Perfect result with any kind of color (with or without lead, high or low temperature, for ceramic or for glass)
- High mixability
- Suitable both for hand and machine use
- Light smell

### Application

Our medium is usually mixed in a proportion of 25% to 40% with the color

### Packaging

5kg, 10kg, 25kg

Medium K Series Index		
Code	Characteristics	Notes
K20	Oil Medium	standard medium for any kind of color
K21	Thixotropic Medium	thought for decal producers using vertical driers
K22	Super Thixotropic Medium	thought for decal producers using vertical driers

## Decalstick

### General information

Decalstick is used in the decoration of ceramic and earthenware, allowing the application of the transfer decal directly on the wet glaze.

The covercoat of the decal is dissolved, therefore one firing is eliminated because the glaze and the transfer decal are fired together.

After firing the colours of the decal remain under the glaze.

### Application

Decalstick must be applied (by brush or sprayed) a few seconds after the piece of biscuit has been dipped into the liquid glaze. Then the decal is slipped off the paper onto the Decalstick. The piece must be left to dry at room temperature for a least 7 hours, or until the surface of the decal is no longer shiny. After that is possible to fire the object in the kiln.

For best results we recommend using decals made with our covercoat 440F.

### Packaging

20kg

# COLORS

CP SERIES

PC SERIES

SP SERIES

CI SERIES

## CP series - Onglaze low-lead colors

### General information

Onglaze low-lead content colors

### Main Characteristics

- High fusibility even with low lead content
- Very brilliant colors
- Long durability

### Firing

the firing cycle depends on the support:

- Porcelain: 760°C – 850°C
- Earthenware: 720°C – 830°C
- Bone China: 750°C – 830°C

### Compatibility

The colors of the series can be mixed in all proportions, except for the those containing cadmium (1103, 1104, 1105, 1121). 1100, 1120, 1113 and 1108 have a limited compatibility.

### Application

The colors can be used for all the decorating techniques, including production of decals, direct printing, spraying and brushwork.

### Packaging

5kg, 25kg

CPB series Index			
Code	Color	Code	Color
CPB105	WHITE	CPB123	GOLDEN BROWN
CPB106	MIXING WHITE	CPB124	TURQUOISE
CPB107	BLACK	CPB125	RED BROWN
CPB108	GREEN	CPB126	BLUE GREEN
CPB109	BRIGHT GREEN	CPB127	SEPIA BROWN
CPB110	BRIGHT YELLOW	CPB128	SKY BLUE
CPB111	BRIGHT ORANGE	CPB129	CORAL
CPB112	RED	CPB130	ORANGE
CPB113	ORANGE	CPB131	STRONG BLUE
CPB114	DARK BROWN	CPB132	BRIGHT BLUE
CPB115	YELLOW	CPB133	NON GOLD PINK
CPB116	FLUX	CPB134	CYAN
CPB117	IRON RED	CPB135	DARK RED
CPB118	DARK RED	CPB136	CADMIUM GREEN
CPB119	GREY	CPB137	TRICI YELLOW
CPB120	YELLOW	CPB138	EN BLACK
CPB121	STRONG YELLOW	CPB139	EN CYAN
CPB122	DARK BROWN		



## PC Series – Purple Colors with Gold content

### General information

Onglaze colors containing gold.

### Main Characteristics

- High fusibility
- Very brilliant colors
- Long durability

### Firing

the firing cycle depends on the support:

- Porcelain: 760°C – 850°C
- Earthenware: 720°C – 830°C
- Bone China: 750°C – 830°C
- The unlead purple color must be fired at 50°C more

### Compatibility

The colors of this series can be mixed in all proportions, except for the unlead color.

### Application

The colors can be used for all the decorating techniques, including production of decals, direct printing, spraying and brushwork

### Packaging

1kg, 5kg, 25kg

PC series Index		
Code	Color	Note
PC A106	Dark Purple	<i>low lead content</i>
PC A107	Pink	<i>low lead content</i>
PC A108	Magenta	<i>low lead content</i>
PC P007	Red Purple	<i>low lead content</i>
PC HC23	Purple	<i>low lead content</i>
PC HC32	Red Purple	<i>low lead content</i>
PC HC55	Magenta	<i>low lead content</i>
PC HC14	Cobalt Blue	<i>low lead content</i>
PC HC2N	Magenta	<i>lead free</i>

## SP series - Onglaze Lead free colors

### General information

Onglaze Lead free colors

### Main Characteristics

- High fusibility with no lead
- Very brilliant colors
- Long durability
- Low thermal expansion coefficient

### Firing

the firing cycle depends on the support:

- Porcelain: 820°C – 900°C
- Earthenware: 760°C – 840°C
- Bone China: 780°C – 860°C

### Application

The colors can be used for all the decorating techniques, including production of decals, direct printing, spraying and brushwork

### Packaging

5kg, 25kg

SP series Index			
Code	Color	Code	Color
SPB141	WHITE	SPB148	BLUE
SPB142	GOLDEN BROWN	SPB149	Cd YELLOW
SPB143	DARK BROWN	SPB150	Cd RED
SPB144	CHROME GREEN	SPB151	Cd ORANGE
SPB145	GREY	SPB152	WHITE MIX
SPB146	BLACK	SPB153	FLUX
SPB147	YELLOW		

## CI series - Inglaze unleaded colors

### General information

Inglaze unleaded colors

### Main Characteristics

- Stable colors
- Very brilliant colors
- Long durability

### Firing

the firing cycle depends on the support:

- Porcelain: 1100°C – 1280°
- Earthenware: 980°C – 1080°C
- Bone China: 1050°C – 1150°C

### Application

The colors can be used for all the decorating techniques, including decal, direct printing, spraying and brushwork

### Packaging

5kg, 25kg

CI Series Index			
Code	Color	Code	Color
CI 9141	BLUE GREEN	CI 9663	COFFEE BROWN
CI 9142	LIGHT GREEN	CI 9664	DARK BROWN
CI 9230	LIGHT BLUE	CI 9722	RED
CI 9232	BLUE	CI 9723	RED
CI 9233	DARK BLUE	CI 9724	LIGHT RED
CI 9321	ORANGE	CI 9730	LIGHT BROWN
CI 9322	DARK ORANGE	CI 9741	LIGHT RED
CI 9323	YELLOW	CI 9772	DARK RED
CI 9330	LIGHT YELLOW	CI 9773	RED
CI 9341	LIGHT ORANGE	CI 9774	DARK RED
CI 9441	BLACK	CI 9775	RED
CI 9521	GREY	CI 9776	PINK
CI 9660	LIGHT BROWN	CI 9807	MAUVE
CI 9661	OCHRE	CI 9911	MIX WHITE
CI 9662	BROWN	CI 9912	WHITE

# CERAMIC LINE

**GOLD AND PLATINUM – PRECIOUS METALS  
LUSTERS LUC SERIES  
DIPPING LUSTERS  
DEFLOCCULANT**

## Gold and Platinum - Precious Metals

### General information

Ceramvetro has a wide variety of liquid platinum and liquid bright gold products, the result of many years of continuous development and research to satisfy customer's needs. Only material of the highest quality is used, and a meticulous quality control ensures a perfect finished product.

### Main Characteristics

- High brilliance
- Steady lemon color
- High resistance
- Low odour

### Application

Ceramvetro produces gold and platinum for hand brushing, direct printing and for decals. For hand brushing application is recommendable to clean and dry perfectly the brush before use. Up to 10% of Ceramvetro Thinner BD61 can be used.

### Firing

Firing cycle depends on the support:

- Porcelain 720°C – 850°C
- Ceramic 630°C – 710°C (long) 740°C – 960°C (fast)

### Packaging

100g (for lusters with gold content only), 1kg

Gold and Platinum for Porcelain Index			
Code	Type	Application	Note
P E487	<i>liquid gold</i>	brush	<i>high quality gold</i>
P S51	<i>liquid gold</i>	brush	<i>high quality gold</i>
P M68	<i>liquid gold</i>	brush	<i>slow drying gold</i>
P 366	<i>Liquid gold</i>	Brush	<i>high quality gold</i>
PWGQ50	<i>liquid platinum</i>	brush	<i>high quality platinum</i>
PWGQ40	<i>liquid platinum</i>	brush	<i>darker platinum</i>
XTP26	<i>paste gold</i>	decal/direct printing	<i>high quality gold</i>
XTWGP25	<i>paste platinum</i>	decal/direct printing	<i>high quality platinum</i>

## Lusters LUC series

### General information

Ceramvetro lusters cover all the range of traditional colors and some innovative too; all lusters have been conceived and realized all in our internal lab, with the finest equipment and high tech devices. Some of them contain precious metal.

### Main Characteristics

- High stability
- Intense colors
- Long durability

### Application

Lusters are applied by brushing or spraying. In both cases these lusters must be diluted with our Ceramvetro thinner BD61.

For brushing add about 25% of thinner; for spraying add from 90% to 300% of thinner. The proper pressure for spraying is 0,7 to 1,1 kg/cmq. The object to be decorated should be held at a distance from 15cm to 50cm, depending on the size. The compressed air should be dried to prevent water from entering the luster, which could cause white spots to appear after firing.

### Firing

Firing cycle depends on the support:

- Porcelain 720°C – 850°C
- Earthenware 630°C – 710°C

### Packaging

100g (for lusters with gold content only), 1kg, 10kg

Lusters LUC Series Index					
Code	Luster	Note	Code	Luster	Note
LUC L35	SEAWATER	Standard production	LUC V193	RUBY RED	Standard production
LUC 811	BLUE	Standard production	LUC 5	MIRROR	Standard production
LUC K138	YELLOW	On request	LUC V102	GREEN	Standard production
LUC 14	IRIS	Standard production	LUC 3	GREEN	Standard production
LUC N32	BROWN	Standard production	LUC 313	AMBER	Standard production
LUC 783	PURPLE	On request	LUC 37/5-S80	ORANGE	On request
LUC 2	COPPER	On request	LUC 653	PINK	Standard production
LUC T119	BLACK (GREY)	Standard production			

## Dipping Lusters 31 series

### General information

Ceramvetro lusters cover all the range of traditional colors and some innovative too; all lusters have been conceived and realized all in our internal lab, with the finest equipment and high tech devices.

### Main Characteristics

- Easy to use
- Fast application
- High brilliance

### Application

Lusters 31 series are used by dipping. The object is hand dipped in the solution and then allowed to dry for few minutes. After that the object can be fired in the kiln.

### Firing

Firing cycle depends on the support:

- Porcelain 720°C – 850°C
- Earthenware 630°C – 710°C

### Packaging

20kg

Luster 31 series Index		
Code	Type	Note
3136	dipping luster	Iris color, iridescence effect
3188	dipping luster	Bright effect, suitable for dark ceramic

## Deflocculant AB series

### General information

Deflocculant is an additive used for slip casting (mass production of pottery and porcelain).

### Main Characteristics

- Reduce the need of water in the slip
- Faster casting process
- Increase of factory production up to 40%

### Application

A slip made of a mixture of water, clay and Deflocculant is poured into a plaster mould.

The plaster begins to absorb the water and therefore solidify the liquid clay mixture in the mould, allowing the correct thickness of the finished object.

Now the object (called greenware) can be removed from the mould and finished. The extra edges can be trimmed off, and a damp sponge can be used to smooth the surface. The object is then left to dry completely. At this point the object can be fired in the kiln.

### Packaging

25kg

Deflocculant AB series Index		
Code	Type	Note
AB 412	deflocculant standard	for the production of pottery
AB 424	deflocculant standard	for the production of porcelain



# GLASS LINE

**GOLD AND PLATINUM – PRECIOUS METALS**

**LUSTERS LUV SERIES**

**THERMOLUSTERS N SERIES**

**ALABASTERS AL SERIES**

**CRINKLES GR SERIES**

**SATINGLASS**

**METAL FOIL**

## Gold and Platinum - Precious Metals

### General information

Ceramvetro has a wide variety of liquid platinum and liquid bright gold products, the result of many years of continuous development and research to satisfy every customer's needs. Only material of the highest quality is used, and a meticulous quality control ensures a perfect finished product.

### Main Characteristics

- Intense coverage
- High brilliance
- Shiny yellow color also in the internal part
- High resistance
- Low odour

### Application

Ceramvetro can supply gold and platinum for hand brushing (it is possible to add 10% of Ceramvetro thinner BD61), for direct printing and for decal production.

For hand brushing application it is recommended to clean and dry perfectly the brush before use.

### Firing

Firing cycle depends on the support:

- Crystal 510°C – 550°C
- Glass 540°C – 580°C
- Glass bottles 580°C – 650°C

### Packaging

100 g., 250 g.

Gold and Platinum for Glass Index			
Code	Type	Application	Note
V S65	<i>liquid gold</i>	brush	<i>high quality gold</i>
V 71	<i>liquid gold</i>	brush	<i>high quality lemon gold</i>
V WGS86	<i>liquid gold</i>	brush	<i>high quality platinum</i>
XVQ4	<i>paste gold</i>	brush	<i>high quality gold</i>

## Lusters LUV series

### General information

Ceramvetro lusters cover all the range of traditional colors and some innovative ones too. All lusters have been developed in our internal lab, with the finest equipment and high tech devices. Some of them contain precious metal.

### Main Characteristics

- High stability
- Intense colors
- Long durability

### Application

Lusters are applied by brushing or spraying. In both cases these lusters must be diluted with our Ceramvetro thinner BD61.

For brushing add about 25% of thinner; for spraying add from 90% to 300% of thinner. The proper pressure for spraying is 0,7 to 1,1 kg/cmq. The object to be decorated should be held at a distance from 15cm to 50cm, depending on its size. The compressed air should be dried to prevent water from entering the luster, which could cause white spots to appear after firing.

### Firing

Firing cycle depends on the support:

- Crystal 510°C – 550°C
- Glass 540°C – 580°C
- Glass bottles 580°C – 650°C

### Packaging

100g (for lusters with gold content only), 1kg, 10kg

**Lusters LUV Series Index**

Code	Luster	Note	Code	Luster	Note
LUV L35	SEAWATER	Standard production	LUV V193	RUBY RED	Standard production
LUV 811	BLUE	Standard production	LUV 5	MIRROR	Standard production
LUV 651	DARK BLUE	Standard production	LUV V102	GREEN	Standard production
LUV B268	YELLOW	Standard production	LUV V192	DARK GREEN	Standard production
LUV 14	IRIS	Standard production	LUV 313	AMBER	Standard production
LUV N32	BROWN	Standard production	LUV 37/5-S80	ORANGE	On request
LUV 783	PURPLE	On request	LUV V198	DARK VIOLET	Standard production
LUV V197	AMETHYST	Standard production	LUV A66	PINK AMETHYST	Standard production
LUV U46	RED	Standard production	LUV T119	BLACK (GREY)	Standard production
LUV V55	BLACK	On request	LUV B269	BRIGHT GREY	Standard production

## Thermolusters N series

### General information

Thermolusters are used for the decoration of glass.

### Main Characteristics

- High brilliance
- Stability of colors
- Long durability

### Application

Thermolusters are applied by spraying on red hot glass (at a temperature of more than 800°C before the annealing cycle). No thinner is needed.

In case the decoration result is a light grey the operator must apply more thermoluster; if a white powdery substance appears on the surface of the object after firing, the operator must apply less thermoluster

### Packaging

25kg

Thermoluster N series Index		
Code	Color	Effect
<b>N1</b>	Iris	Iridescent
<b>N2</b>	Amber	Amber color
<b>N3</b>	Smoke	Grey color

## Alabaster colors AL series

### General information

Ceramvetro has developed highly professional in-body colors for glass which give an Alabaster effect. Continuous research has permitted the creation of a series with a wide range of colors.

### Main Characteristics

- High compatibility with the glass
- Intense colors
- Perfect fusibility

### Application

Alabaster colors are applied on fusing glass. Application can be made by a spinning machine.

### Packing

25kg

Alabaster AL series Index					
Code		Color	Code		Color
AL	A109	Yellow	AL	B39	Burgundy
AL	A110	Intense Blue	AL	V130	Lilac
AL	A122	Green	AL	A121	Green
AL	A111	Transparent Violet	AL	B37	Saffron
AL	A112	Turquoise	AL	B24	Selenium Orange
AL	A113	Seawater	AL	A93	White
AL	A114	Manganese	AL	A91	White
AL	A115	Emerald Green	AL	B62	White
AL	A116	Amber	AL	V121	Cobalt Blue
AL	A117	Light Green	AL	V122	Turquoise
AL	A118	Purple	AL	V125	Brown
AL	B38	Dark Red	AL	B100	White Unleaded
AL	V124	Turquoise	AL	V128	Beige
AL	A119	Tobacco	AL	B25	Wisteria
AL	V135	Yellow	AL	B26	Light Blue
AL	V131	Black	AL	B27	Bluette
AL	A120	Blue	AL	B28	Olive Green
AL	V133	Green	AL	B29	Moss Green
AL	V129	Pink	AL	B30	Antique Pink
AL	V126	Orange	AL	B31	Tiziano Red
AL	B36	Copper	AL	B33	Sand
AL	V123	Sky Blue	AL	B34	Ocher
AL	V127	Beige	AL	B35	Mustard
AL	A94	Fire Red	AL	B40	Grey
AL	B20	Orange	AL	B41	Grey Unleaded

## Crinkles GR series

### General information

Crinkles are glass chips made from grinding glass blocks (cold frits), or are produced by quickly cooling a glass block in cold water before milling (hot frits). Glass masters use crinkles to obtain required tones for coloured or uncoloured glass. Other uses include the creation of floor tiles embedded with crinkles.

### Main Characteristics

- High stability
- Intense colors
- High compatibility

### Application

Crinkles are applied on hot fused glass. They are especially suitable for production by hand and glass blowing

### Packing

25kg

Crinkles GR Series Index					
Code	Color	Note	Code	Color	Note
GR2603B	Green	<i>opaque</i>	GR2705B	Lilac	<i>transparent</i>
GR2606B	Blue	<i>opaque</i>	GR2702B	Dark Green	<i>transparent</i>
GR2601B	Black	<i>opaque</i>	GR2701B	Dark Blue	<i>transparent</i>
GR2608B	Red	<i>opaque</i>	GR2704B	Red	<i>transparent</i>
GR2607B	Mixed	<i>opaque</i>	GR2703B	Amber	<i>transparent</i>
GR2602B	White	<i>opaque</i>	GR2706B	Mixed	<i>transparent</i>
GR2604B	Turquoise	<i>opaque</i>	GR2707B	Deep Purple	<i>transparent</i>
<i>several other colors available at customer's request</i>					

## Satinglass

### General information

Ceramvetro markets glass frosting powders and creams. Satinglass can be used to frost/etch flat glass, glass lampshades, perfume bottles and cosmetic containers.

### Main Characteristics

- Extreme softness at touch
- High scratch resistance
- Long durability

### Application

Satinglass is mixed with an industrial grade of hydrochloric acid, to form a glass-etching bath. Before frosting the glass, a pretreatment is useful if the glass surface is dirty or fingerprinted. The frosting temperature can be varied from 15 to 35 °C (the best temperature is at 25°C).

### Packaging

25kg bag

### Glass Frosting Powders Index

Code	Type	Note
<b>WG 101</b>	Satinglass	Ready to use product, ammonium bifluoride based
<b>ABF</b>	Ammonium Bifluoride	Pure ammonium bifluoride to be mixed

## Metal Leaf

### General information

Metal leaf (gold, silver and copper color) is a thin metal laminated with a special method, and is used to decorate wooden frames, furniture, glass and ceramic

### Main Characteristics

- Precious metal effect
- Stable and high quality
- Consistent bright color

### Application

After applying a water or solvent based glue, is possible to apply the metal foil with a knife or a feather. After the application of the foils it is necessary to spray with a protection varnish.

### Packaging

5000 foils box (silver), 10000 foils box (gold and copper)

Metal Foil Index		
Code	Color	Weight available (kg/box)
FGL Au 2	<i>reddish gold color</i>	1.21, 1.00, 0.90, 0.80
FGL Au 2.5	<i>yellowish gold color</i>	1.21, 1.00, 0.90, 0.80
FGL Sil	<i>silver color</i>	0.70, 0.62, 0.58, 0.48, 0.40, 0.35
FGL Cu	<i>copper color</i>	1.00
FGL Var	<i>variegated color</i>	1.00