



Application Datasheet

TUTTOCHROMAME™ TC SERIES Mirror Color Coating System

DESCRIPTION

TuttoChromaMe™ TCseries. is a mirror coating system for technical and decorative applications, on any kind of material surface rigid or pliable.

FEATURES

- 95% Spherical Reflectivity
- Abrasion & Chemical
- Antisoiling
- Omniphobic
- Flexible and UV Resistant
- Premium Weatherability

TYPICAL USE

Industrial:

CSP (Concentrated Solar Power Mirrors)
Automotive/Naval/Train interior and exterior trims and body coating.
Tapware for bathrooms & kitchens

Architectural:

Interior and Exterior decorative small to very large objects
Lightning applications
Flooring and Statues,
Ceramics, Metal Steel, Aluminum



ChromaMe Nano Tech Srls
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Key Characteristics

- *TuttoChromaMe™ Spray-on Coating System* produces a mirror-like (95% spherical reflection), mirror finish on any kind of surface. (metal, plastic, rubber, glass, ceramics, wood, leather, concrete etc.)
- It has a flawless shining chrome finish but it also feels just like real metal plating
- It has an excellent resistance to abrasion, corrosion UV light, temperature, and severe soiling phenomena.
- The spray on coating system is a viable alternative to conventional electro-chrome plating, PVD (Physical Vapor Deposition) and UV Photo-polymerization tech and meets the highest technical and decorative standards and performance requirements
- Unlike conventional metal plating *TuttoChromaMe™* is very simple to apply and does not require any investment on costly coating equipment. It is HLPV airless spray on paint that dries immediately and is protected by a transparent top coat that can be colored to achieve any decorative and creative effect.

PRODUCT TC series	DESCRIPTION OF USE	Mix Ratio (weight)	APPEARANCE COLOR		COVERAGE (sq.m/l) DFT
TUTTOPRIMER IC100B	Black primer tie coat applied on existing undercoat	5:2	Glossy	Black	
TUTTO PRIMER IC100T	Transparent primer tie coat applied on pre-existing undercoat	5:2	Glossy	Transparent	
TUTTOCATALYST IC80	Catalyst for PRIMER IC100B or PRIMER IC100T		Glossy	Clear	
TUTTOCHROMAME STD TC20	Acrylic monocomponent for chrome silver mirror effect		n/a		8-10 sqm/l
TUTTOCHROMAME NERO TC5	Acrylic monocomponent for black chrome effect		n/a		6-8 sqm/l
TUTTOCHROMAME VETRO TC40	Acrylic monocomponent for transparent materials		n/a		20-25 sqm/l
TUTTOCHROMAME RAINBOW TC10	Acrylic monocomponent for multicolor color effects		n/a		20-25 sqm/l
TUTTOCHROMAME SELENITE TC15	Acrylic copolymer emulsion for random patterns		n/a		20-25 sqm/l

CLEARTOP MT300	Ceramic Top Coating for all ChromaMe products	5:4	Glossy	Transparent
CLEARCATALYST MT936	Catalyst for to CLEARTOP MT300		Glossy	Clear

CME.PIG.RED ---RED	Concentrated PIGMENTS additive for: TUTTOPRIMER IC100T CLEARTOP MT300	5,0%
CME.PIG.GRN---GREEN		0,5-1%
CME.PIG.BLU--- BLUE		5,0%
CME.PIG.YLW---YELLOW		0,5%
CME.PIG.GLD---GOLD		0,5%
CME.PIG.PGD---PINK GOLD		0,5%
CME.PIG.ORG---ORANGE		5,0%
CME.PIG.CPR---COPPER		5,0%
CME.PIG.BRZ--- BRONZE		5,0%
CME.PIG.BRW---BROWN		5,0%
CME.PIG.BLK-- -BLACK		5,0%



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Application Tutorial Video



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Technical Datasheets



Application Datasheet

SERVICES

Technical Support

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Application Support

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For more information on any of our products or services please visit us on the Web at:

www.chromame.it



Instuction for use

SURFACE PREPARATION	1	In case of pitted surface carefully sand and levigate by medium /course grit paper (400-600) for maximising smoothness and flatness
	2	Remove any contamination that could interfere with the adhesion by solvent cleaner SCUDO PICKLING 100AB, especially for metal surfaces
PRIMER TIE COAT	3	Note that the TUTTOPRIMER IC100B or IC100T must always be applied over a suitable base coat (not supplied by ChromaMe) for the specific material. It cannot be applied directly on primery surfaces except for transparent materials were primer is not required in combination with direct use of TUTTOCHROMAME VETRO TC40
	4	Uniformly apply TUTTOPRIMER IC100B(100%)+ TUTTOCATALYST IC80 (80%) mix ratio 5:4 with a HLVP spray gun (or normal spray gun) nozzles 1,2 -1,3 mm nozzle pressure 1,50 bar 217,5 psi Shake well before use
	5	Let dry at 60° -70° C for 70 min after let rest for 30 min at ambient temperature (20-25°C) and proceed to apply chrome or let the parts dry rest at ambient temperature (20-25°C) for 12-24 hours Allow drying in clean ambient (dust free) and never touch the coated surfaces.
CHROME	6	Shake well the 1K TUTTOCHROMAME STD TC20 before pouring it into the HLVP spray gun) Use nozzles size 1-1,2/1,3 mm nozzle pressure 1,50 bar
	7	Apply 3 layers of TUTTOCHROME with crossed strokes, until the surface is completely covered. It is recomend to spray from bottom to top direction and then cross left right
	8	Let dry at 60° -70° C for 70 min , for optimal results it is recomend attend at ambient temperature for 24 hours . The more time the solvents have to evoporate the higher will the reflectivity will be (it can reach 90%- 95% spherical reflectivity)
TOP COAT	9	Apply CLEARTOP MT300(100%) + CLEARCATALYST MT936 (40%) , mix ratio 5:2 with a HLVP spray gun (or normal spray gun) nozzles 1,2 -1,3 mm nozzle pressure 150 bar 2175 psi
	10	If special coloring is required CME Pigments are to be added to CLEARTOP MT300(100%) + CLEARCATALYST MT936 (40%) according to the Mix ratio % specified for each CME Pigment on the bottle label
	11	Let dry at 60° -70° C for 1 hour or at room temperature 12-24 hours The product can be handeld and packaged and wrapped after 3 hours.
	12	Always apply a second layer of CLEARTOP MT300(100%) + CLEARCATALYST MT936 (40%) after color coating for a high quality glossy and durable finish

CAUTION This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to ChromaMe technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product.

HEALTH AND SAFETY Please observe the precautionary notices displayed on the container and on MSDS Material Safety Data Sheets for each product. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought



SCAN for TDS
Technical
Data Sheets



SCAN for MSDS
Material Safety
Data Sheets



STD TC20



NERO TC5



SELENITE TC15



RAINBOW TC10



VETRO TC40



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