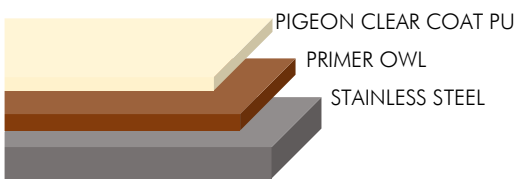




OWL – COLOURED PRIMER FOR STAINLESS STEEL



Spessore PRIMER OWL: 5 μ

Spessore PIGEON CLEAR COAT PU: 15 μ

Primers of **OWL** series have been specially designed for application on brushed stainless steel, to provide different colours that can turn to black, gold, brown, etc. in different shades and intensity of colour.

These products guarantee excellent adhesion, flexibility, chemical-UV- corrosion and overlying resistance.

The application is followed by a coat of **PIGEON CLEAR COAT** PU which provides to the product excellent characteristics of surface hardness associated with an excellent slide, softness to the touch and transparency.

Different are the degrees of provided opacity, from 15 up to 100 gloss.

These characteristics make the proposed cycle particularly suitable for building, architecture, naval, large kitchens, furniture components.

OWL - COLOURED PRIMER FOR STAINLESS STEEL

Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
SMOOTH	C25	Primer coloured OWL +PIGEON CLEAR COAT PU	RUV 4	***	***	****	****	****	Stainless steel	Building, ships, furniture

ROHS AND REACH

OWL meets all requirements imposed by the European Union concerning hazardous material or high-risk substances contained in the products

This includes REACH and RoHS Regulations.

OWL – COLOURED PRIMER FOR STAINLESS STEEL





PIGEON-STANDARD EFFECTS

PIGEON series includes a wide range of finishing capable of providing, depending on the type of resin selected and the application cycle, the required characteristics in terms of UV, corrosion, abrasion resistance, and so on.

PIGEON PES series use polyester resins with different geometries which are selected according to the characteristics of the desired film

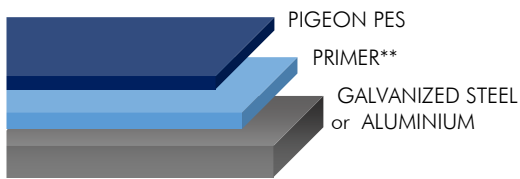
For films with higher mechanical performances, more elastic linear chains are generally used, while branched chains are preferred where a film more resistant to corrosive and atmospheric phenomena is required.

Other characteristics of the film are also modified by providing different components in composition and / or concentration, first of all the melamine resins used as cross-linking agent.

These characteristics make **PIGEON PES** formulations particularly suitable for roofing, cladding, sandwich panels, gutters and windows for industrial and residential construction.

However, the formulations are also used in the domestic and mechanical sector where they are often used with primer-free monocouche applications.

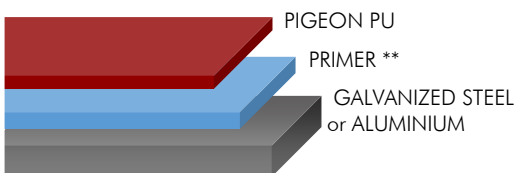
For application in even more severe atmospheric conditions, is available the **PIGEON PU** series that use, as a base, a polyurethane resin obtained by reaction between a polyester resin and isocyanate.



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness TOP COAT PIGEON PES: 20 μ



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 25 μ high thickness cycle

Thickness TOP COAT PIGEON PU:
20 μ standard cycle
Up to 25 μ high thickness cycle

PIGEON – STANDARD EFFECTS



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
STANDARD	C10	PRIMER + TOP COAT PES	RUV 2	****	****	****	****	**	Al/HDGS	Industrial Buildings Wall
	C11	PRIMER + TOP COAT PES	RUV 3	***	***	***	***	****	Al/HDGS	Residential Buildings Wall
	C12	PRIMER + TOP COAT PES	RUV 4	***	***	***	***	****	Al/HDGS	Residential Buildings Wall Roof
	C13	PRIMER + TOP COAT PES	RUV 2	****	****	****	****	****	Al/HDGS	House hold appliance
	C14	PRIMER + TOP COAT PU	RUV 4	***	***	****	****	****	Al/HDGS	Residential Buildings Wall Roof

ROHS AND REACH

PIGEON meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

This includes REACH and RoHS Regulations.

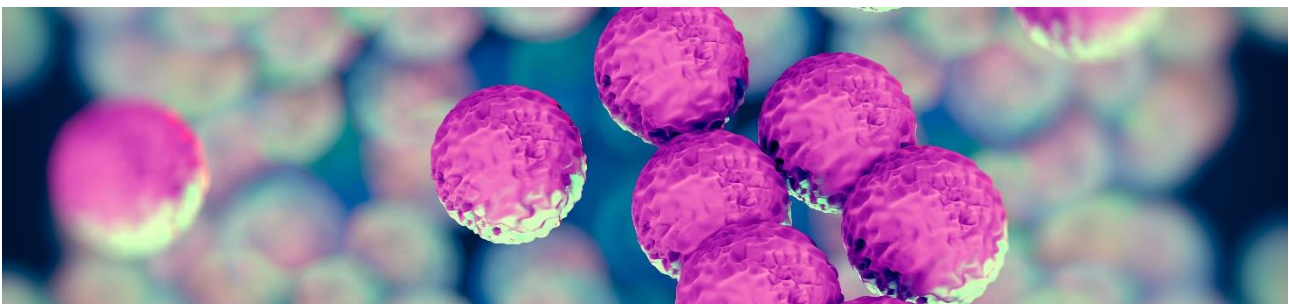
NEW – PIGEON PES – ANTIBACTERIAL

Pigeon paints represent the ideal solution for coatings in contact with humans in an environment where contamination with microorganisms could be present.

The formulations contain silver ions, particles capable of binding to microbes that contaminate surfaces, preventing them from breathing and reproducing, thus guaranteeing a homogeneous, permanent and harmless bactericidal action for human health

Their effectiveness has been tested against bacteria including MRSA (Staphylococcus Aureus methicillin resistant) which is able to survive on surfaces for long periods of time, and E.coli.

The characteristics of **PIGEON PES ANTIBATTERICO** therefore guarantee proven bacteriostatic and antifungal properties, excellent mechanical characteristics, excellent aesthetic characteristics with gloss and colour stability, excellent resistance to corrosion and high resistance to light, heat and atmospheric agents.





MACAW – METALLIC EFFECT

The **MACAW** series formulations use, as a base, a polyester resins which provides to the film resistance to outdoor exposure and the mechanical properties typical of this product.

The main feature of the **MACAW** series comes from the use of particular aluminium-based pigments that give the applied film a particular aesthetic and decorative effect.

The fields of application for this type of finish are practically infinite and limited only by the imagination of the designer or architect. Among the main ones, certainly the household appliance and residential.

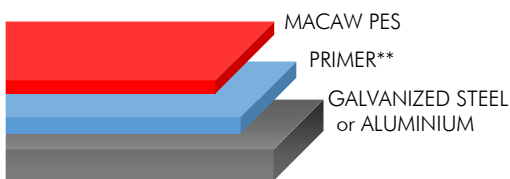
Classic colours which reproduce metals such as silver, brass, copper and gold, in a wide range of nuances, but also an infinite range of metallics with a variety of colours from blue, red, green, yellow, violet, black and more.

The aesthetic effect can be further increased by a subsequent application of a layer of protective paint – **PIGEON CLEAR COAT** - which can highlight the metallic effect.

Providing an additional transparent layer, it is possible to use larger aluminium particles, and therefore more reflective, as well as micaceous and pearly additives.

An attractive metallic finish recently developed is the metal effect on wrinkled surfaces.

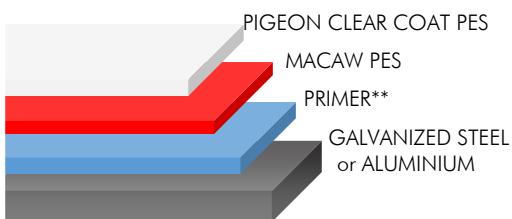
To meet the specific needs typically associated with this type of finish, Condoroil has organized its production to produce even small batches in a short time.



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness TOP COAT MACAW PES: 20 μ



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness BASE MACAW PES: 20 μ
Thickness PIGEON CLEAR COAT PES: 5-20 μ

MACAW – METALLIC EFFECT



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

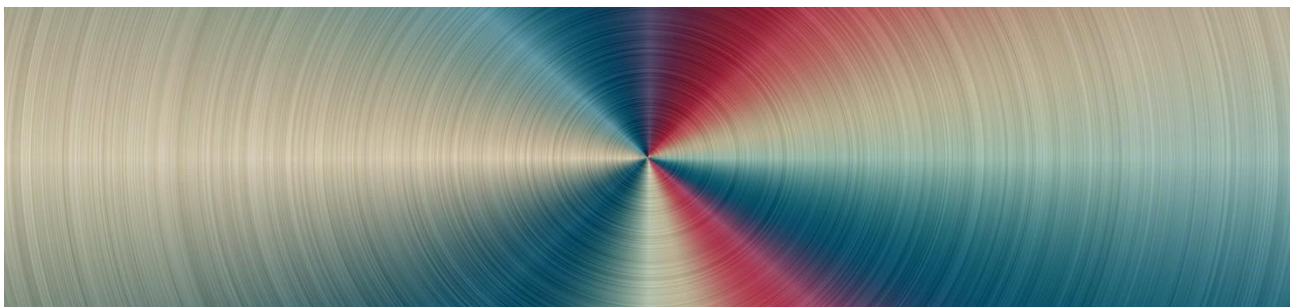
FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
METALLIC	C40	PRIMER + METALLIC BASE PES + CLEAR PES	RUV 4	****	****	****	***	****	Al/HDGS	Residential
	C41	PRIMER + METALLIC TOP PES	RUV 2	****	****	****	****	****	Al/HDGS	House Hold appliance

ROHS AND REACH

MACAW meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products.

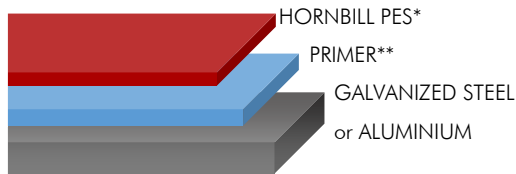
This includes REACH and RoHS Regulations.

MACAW – METALLIC EFFECT





HORNBILL –WRINKLED EFFECT



* Small Grain,
Medium Grain
Coarse Grain

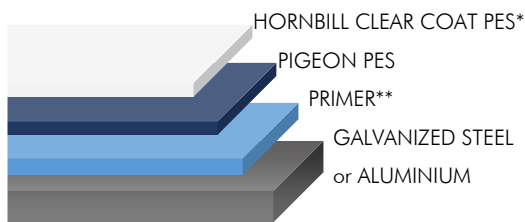
** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:

5 μ standard cycle

Up to 15 μ high thickness cycle

Thickness TOP COAT HORNBILL PES: 20 μ



* Small Grain,
Medium Grain
Coarse Grain

** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:

5 μ standard cycle

Up to 15 μ high thickness cycle

Thickness PIGEON PES: 20 μ

Thickness CLEAR COAT HORNBILL PES: 20 μ

The wrinkled formulations, belonging to the **HORNBILL** series, give an aesthetic decorative effect in line with the most modern needs of the market

They are particularly used in the construction of roofs and / or coatings in buildings, but also of furniture components.

Reaction between the acid catalyst and an ammine rules the film formation.

A quick evaporation of the solvent in the outer layer occurs and generates a solid film over a still fluid layer of paint, giving rise to the typical crusts of the wrinkled effect.

Factors such as baking, deposit thickness and paint formulation influence the coating formation mechanism and thus its final appearance.

HORNBILL series provides a wide range of proposals in terms of colours, brilliance and dimensions of the design.

The aesthetic effect can be furtherly increased by using a standard base on which is applied a coating layer of protective paint **HORNBILL CLEAR COAT**.

New attractive finish has recently been created and, among these, wrinkled with metallic effect and transparent.

HORNBILL –WRINKLED EFFECT



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
WRINKLED	C30	PRIMER + TOP PES WRINKLED	RUV 4	***	***	***	***	****	Al/HDGS	Residential Buildings Roof
	C31	PRIMER+BASE PES + CLEAR COAT WRINKLED	RUV 4	***	***	***	***	****	Al/HDGS	Residential Buildings Roof

ROHS AND REACH

HORNBILL meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

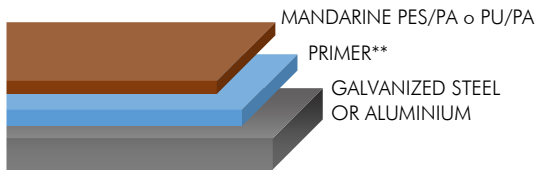
This includes REACH and RoHS Regulations.

HORNBILL – METALLIC WRINKLED EFFECTS





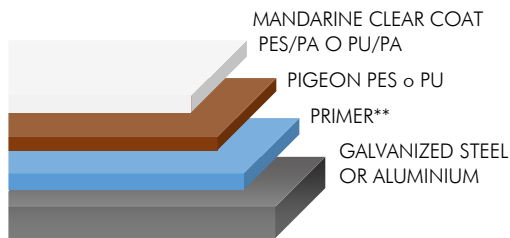
MANDARINE – SERIES OF POLYAMIDE FORMULATIONS



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle PES
Up to 30 μ high thickness cycle PU

Thickness TOP COAT MANDARINE PES/PA: 20 μ
Thickness TOP COAT MANDARINE PU/PA: 20-30 μ



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness BASE PIGEON PES: 20 μ
Thickness BASE PIGEON PU: 20 μ

Thickness MANDARINE CLEAR COAT PES/PA: 15-20 μ
Thickness MANDARINE CLEAR COAT PU/PA: 20-30 μ

The **MANDARINE** series includes a wide range of finish capable of providing, depending on the type of resin selected and the application cycle, the required characteristics in terms of resistance to UV, corrosion, abrasion and so on.

Formulations can be based on polyester resins, **MANDARINE PES / PA**, or polyurethane resins **MANDARINE PU / PA** and are characterized by the addition of polyamide resin in powder form.

The polyamide polymer is dispersed in the product and, therefore, depending on the granulometry and the percentage of polyamides used, it is possible to obtain products with different technical characteristics and different surface aspects, passing from almost smooth coatings to highly textured or rough surfaces.

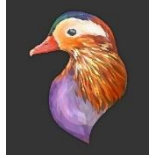
With **MANDARINE** series it is possible to create high thickness cycles that, combined with a great flexibility, allow to obtain a finishing that offers high protection on the bends and edges of the pre-painted metal.

Main characteristics of the films obtained with the formulations of this series are the high resistance to abrasion, surface hardness and outdoor resistance.

Products find primary application in the preparation of surfaces subject to abrasive movements such as, for example: windows, shutters, shelving, appliance shelves and some components in the domestic and mechanical sectors.

The aesthetic effect can be further increased using a standard base on which is applied the protective paint **MANDARINE CLEAR COAT**.

MANDARINE – SERIES OF POLYAMIDE FORMULATIONS



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
POLYAMIDE	C20	PRIMER* +TOP PES/PA	RUV 3	****	****	***	***	****	Al/HDGS	Shelves
	C21	PRIMER* +TOP PES/PA	RUV 4	****	****	***	***	****	Al/HDGS	Residential Buildings Wall Roof
	C22	PRIMER* +TOP PU/PA	RUV 4	****	****	****	***	****	Al/HDGS	Rolling Shutter
	C23	PRIMER*+BASE PU + CLEAR PU/PA	RUV 4	****	****	****	****	****	Al/HDGS	Rolling Shutter Residential Buildings Wall Roof
	C24	PRIMER*+BASE PES + CLEAR PES/PA	RUV 4	****	****	****	****	****	Al/HDGS	Facade Cladding Windows Frame

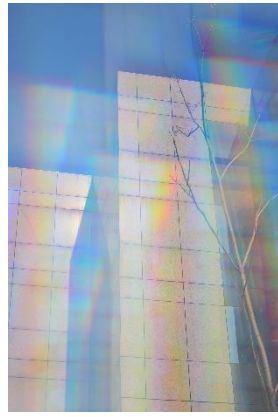
ROHS AND REACH

MANDARINE meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

This includes REACH and RoHS Regulations.

MANDARINE - NEW SERIES OF NATURAL COLOURS





COCKATOO – IRIDESCENT EFFECT

Formulations of **COCKATOO** series use, as a base, a cycloaliphatic polyester resin which provides, to the film, the resistance to outdoor exposure and the mechanical properties, typical of this product.

COCKATOO series is formulated with iridescent pigments which are added to a transparent film.

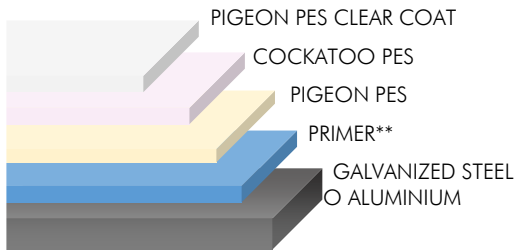
The application of the product is normally performed on top of a **PIGEON PES** base whose colour allows to further increase the available finish.

Depending on the angle of observation, thanks to an optical phenomenon caused by diffraction on the painted surface, the colour varies, creating spectacular shades

COCKATOO series includes formulations which vary from amethyst, to bronze, up to colours that are close to nature, from green to brown.

The finishing with **PIGEON PES CLEAR COAT** also provides resistance to scratches and bending that allows the workability of the pre-painted material even for the most demanding details.

The fields of application for this type of finish are practically infinite and limited only by the imagination of the designer or architect.



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness BASE PIGEON PES: 20 μ

Thickness COCKATOO PES: 5-8 μ

Thickness PIGEON PES CLEAR COAT: 5-20 μ

COCKATOO – IRIDESCENT EFFECT



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

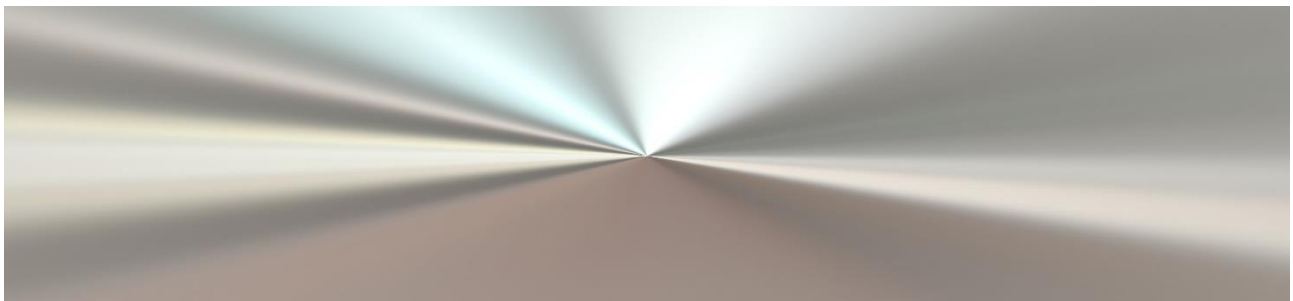
FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
IRIDESCENT	C50	PRIMER + BASE PES + IRIDESCENT PES + CLEAR COAT PES	RUV 4	***	***	***	***	****	Al/HDGS	Composite Panels Facade Cladding

ROHS AND REACH

COCKATOO meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

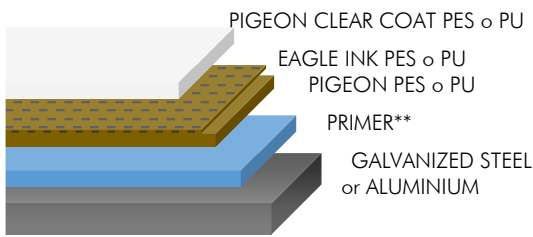
This includes REACH and RoHS Regulations.

COCKATOO – IRIDESCENT EFFECT





EAGLE INK – MATERIAL FINISHING



The formulations of the **EAGLE INK** use a polyester base **PIGEON PES** or a polyurethane base **PIGEON PU** to which is applied an ink and finally a **CLEAR COAT** that can be polyester, polyamide or wrinkled

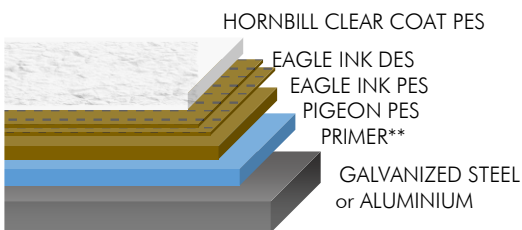
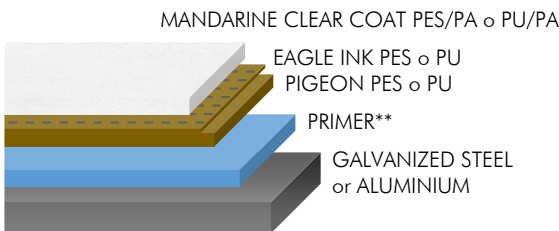
It is thus possible to reproduce, on galvanized steel or aluminium, multiple effects which simulate materials of common use. In some cases, these are natural materials such as wood of any kind and stones having the most different shades.

In other cases, the effect can be the one of anodized or brushed metal, or warmer metallic materials such Corten or oxidized copper.

For the more nostalgic, finish such as ancient tiles and bronzes are available, while for the more technological ones, carbon-like effects are proposed

Pieces are suitable for interior decorative uses as well as for outdoor uses considering that the resistance of the products allows the design to remain unchanged for years.

A new finish allows the formation of a three-dimensional effect deposit. This effect is obtained with the application of a destructuring ink (**DES**). This ink, kept wet, eliminates the textured effect on the areas where it is deposited.



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness BASE PIGEON: 20 μ

Thickness PIGEON CLEAR COAT: 15-20 μ

Thickness MANDARINE CLEAR COAT: 15-20 μ

Thickness HORNBILL CLEAR COAT: 15-20 μ

EAGLE INK – MATERIAL FINISHING



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLES

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED	TYPICAL APPLICATION
MATERIAL	C60	BASE COAT PES + INK + CLEAR COAT PES PA	RUV 4	****	****	****	****	****	Al/HDGS	Facade Cladding Windows Frame
	C61	BASE COAT PU + INK + CLEAR COAT PU PA	RUV 4	****	****	****	****	****	Al/HDGS	Facade Cladding Windows Frame
	C62	BASE COAT PES + INK + CLEAR COAT PES	RUV 4	***	***	***	***	****	Al/HDGS	Facade Cladding Windows Frame
	C63	BASE COAT PU + INK + CLEAR COAT PU	RUV 4	***	***	****	****	****	Al/HDGS	Facade Cladding Windows Frame
	C64	BASE COAT PES + INK + INK DES + CLEAR COAT PES	RUV 4	***	***	***	***	****	Al/HDGS	Facade Cladding Windows Frame
	C65	BASE COAT PU + INK + INK DES + CLEAR COAT PU	RUV 4	***	***	****	****	****	Al/HDGS	Facade Cladding Windows Frame

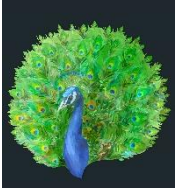
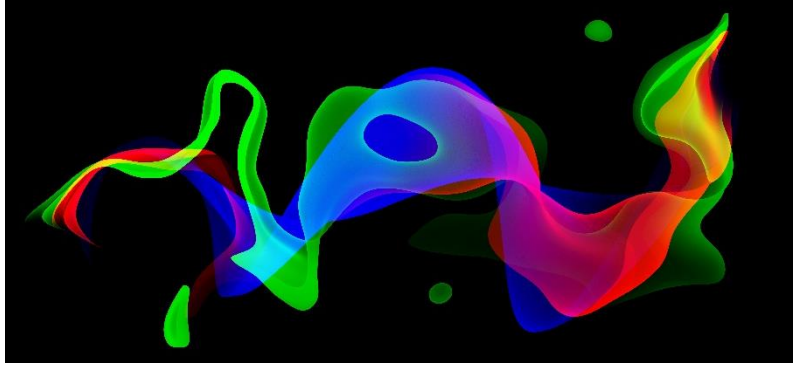
ROHS AND REACH

EAGLE INK meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

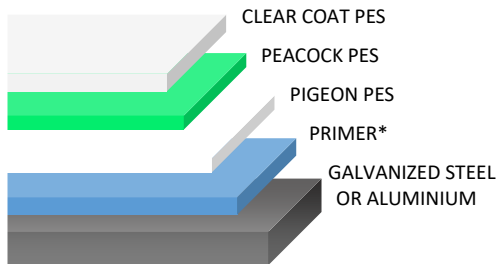
This includes REACH and RoHS Regulations.

EAGLE INK – NEW 3D EFFECTS





PEACOCK – FLUORESCENT EFFECT



** Primer can be avoided in case on aluminium substrate

Thickness PRIMER:
5 μ standard cycle
Up to 15 μ high thickness cycle

Thickness TOP COAT PIGEON: 20 μ
Thickness PEACOCK finishing: 15-18 μ

PEACOCK series gives the material the particular property of fluorescence.

Pigments inside the paint can absorb UV radiations and return them in the visible.

The result is a very brilliant and intense colour with the typical luminescence due to fluorescent effect.

PEACOCK series can be applied on polyester base PIGEON PES being charged mainly by UV rays

The base must be free of UV filters otherwise the paint would not absorb the light.

Preferably, the base should be white since dark colours greatly attenuate the phosphorescent effect.

The CLEAR COAT shall be UV resistant.

PEACOCK – FLUORESCENT EFFECT



Condoroil Chemical offer a virtually unlimited colour selection and the laboratories will be happy to reproduce any colour on the basis of samples.

Thanks to our expertise and high precision measurement instruments we guarantee exact colour matching.

STANDARD CYCLE

FINISHING	CYCLE		UV RESISTANCE	ABRASION RESISTANCE	SCRATCHES RESISTANCE	CHEMICAL RESISTANCE	CORROSION RESISTANCE	FLEXIBILITY	METAL TO BE PROCESSED
FLUORESCENT	C50	PRIMER + TOP PES + FLUORESCENT + CLEAR PES	RUV 4	***	***	***	***	****	Al/HDGS

ROHS AND REACH

PEACOCK meets all requirements imposed by the European Union concerning hazardous material or high risk substances contained in the products

This includes REACH and RoHS Regulations.

PEACOCK – FLUORESCENT EFFECT

