











www.maestria.fr



Independent paint manufacturer since 1963



EURO 2016

Amongst the 10 EURO 2016 football stadiums, 7 are protected by Julien corrosion systems, a Maestria brand.



THE MAESTRIA GROUP

An independent French paint manufacturer since 1963

Over 50 years of innovation

Since 1963 MAESTRIA Group has been producing and selling 4 lines of paints and systems for buildings, flooring, corrosion protection and traffic signs, both in France and abroad. It offers a complete solution for professionals and deciders. For each one of these sectors, MAESTRIA Group imagines and develops innovating solutions in collaboration with its clients and trusted partners throughout the world.

The R&D LABORATORY, MAESTRIA Group's trump card

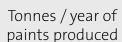
With an integrated R&D laboratory and its team of 30 people and total surface area of 2500 m², Maestria Group offers innovating and competitive solutions to meet its clients' needs at a grand scale. Our R&D's day-to-day objective is to identify market needs very early on in order to be able to develop the technical performances required to fulfil them, but also to have an advisory and training role for our clients and partners both in France and internationally.



Key figures









Raw materials references



2014 Sales



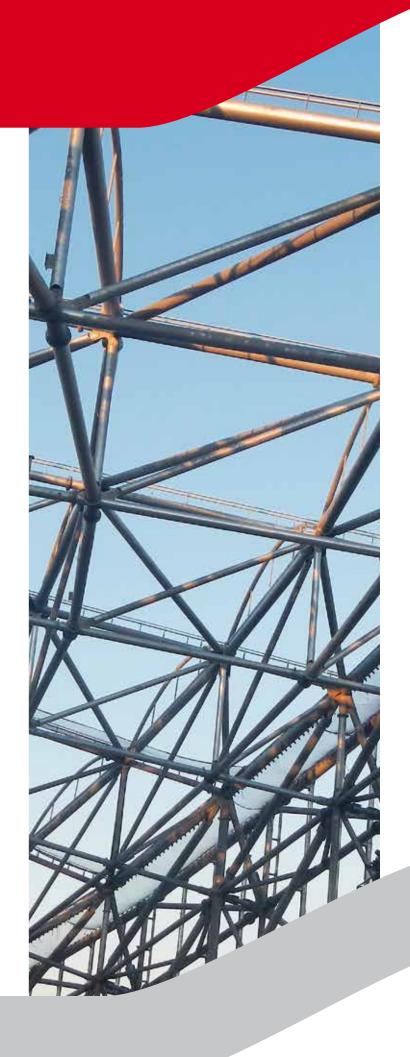
Packaging references



615 employees



Finished product references



For over 100 years, JULIEN ANTICORROSION, the French leader in anti-corrosion systems, has been proposing paint systems for industry, pylons, oil, nuclear power plants, engineering structures and penstocks.

These systems are the result of decades of research, innovation and feedback, and have been developed for each market taking into account the following parameters:

Corrosion class: C1, C2, C3, C4, C5, Im1,2,3

Materials to protect:

Steel, galvanised steel, metallised steel, prelacquered steel, aluminium, concrete, etc.

Type of works: workshop or maintenance works

Expected durability

Application method

Environmental and regulatory constraints

Each system's performances have been assessed by independent laboratories according to very precise specifications. The products and systems presented in the following pages are the subject of different certifications and guarantees approved by the OHGPI (French Industrial Paint Guarantee Approval Office).



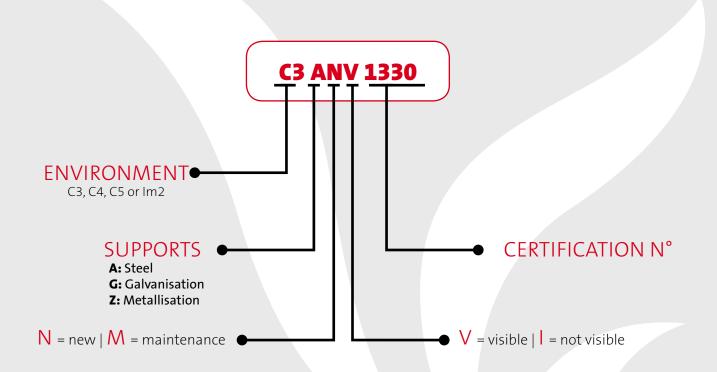
MAESTRIA PAINTS Julien anticorrosion systems

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ACQPA CERTIFIED SYSTEMS

On the basis of the ISO 12944 standard, the ACQPA certifies "High Durability" systems for a certain number of corrosion classes.

The systems, assessed by an independent laboratory, are at least guaranteed 7 years Ri3. They are classified according to the diagram on the left.

CERTIFICATION CLASSES

NEW WORKS

C3ANV • C3ANI • C3ZNV • C4ANV C4ANI • C4GNV • C4ZNV • C5MaANV C5GNV • Im2ANI • Im2ZNI

MAINTENANCE WORK

C3AMV • C3AMI • C4AMV • C4AMI

NEW WORKS

C3 ANV		
	CHIMICOTE	120 μm
C3 ANV 450	CHIMICOTE	120 µm
	POLYSTRIA v01	40 μm
C3 ANV 537	FERROCOTE	180 μm
CS ANV 557	POLYSTRIA v01	60 µm
	EPODUX ZINC 62-208	40 μm
C3 ANV 647	EPODUX HV PC	100 μm
	POLYSTRIA v01	40 μm
	FERROCOTE	100 μm
C3 ANV 658	FERROCOTE	100 μm
	POLYSTRIA v01	40 μm
	EPODUX BR 100	100 μm
C3 ANV 1104	EPODUX BR 100	100 μm
	POLYSTRIA v01	40 μm
	EPODUX ZINC 52-80	40 μm
C3 ANV 1283	PRIMODUX SR 74-31	100 μm
	POLYSTRIA v01	40 μm
	EPODUX ZINC 57-35	50 μm
C3 ANV 1330	PRIMODUX SR 74-31	110 µm
	POLYSTRIA v01	40 μm
	EPODUX ST 86-31	190 μm
C3 ANV 1337	POLYSTRIA v01	50 μm
		2 0 P

C5 ANI		
62 ANII 656	FERROCOTE	120 μm
C3 ANI 656	FERROCOTE	120 μm
C3 ZNV		
C3 ZNV 1132	EPODUX PRIMER 61-134 v01	40 μm
	FERROTHANE	80 μm
	PRIMODUX H	20 μm
C3 ZNV 1134	PRIMODUX H	60 μm
	POLYSTRIA v01	40 μm







NEW WORKS

Secretaria at Nation delication		
C4 ANV		
	CHIMICOTE	140 μm
C4 ANV 451	CHIMICOTE	140 μm
	POLYSTRIA v01	40 μm
C4 ANV 474	CHIMICOTE ST	140 μm
C17	FERROTHANE	140 μm
	EPODUX ZINC 62-208	40 μm
C4 ANV 645	EPODUX HV PC	130 μm
	POLYSTRIA v01	40 μm
	FERROCOTE	120 μm
C4 ANV 659	FERROCOTE	120 μm
	POLYSTRIA v01	40 μm
	PRIMODUX H	90 μm
C4 ANV 691	PRIMODUX H	90 μm
	POLYSTRIA v01	50 μm
	EPODUX BR 100	120 μm
C4 ANV 1105	EPODUX BR 100	120 μm
	POLYSTRIA v01	40 μm
	EPODUX ZINC 52-80	40 μm
C4 ANV 1282	PRIMODUX SR 74-31	130 μm
	POLYSTRIA v01	40 μm
	EPODUX ZINC 57-35	50 μm
C4 ANV 1329	PRIMODUX SR 74-31	140 μm
	POLYSTRIA v01	40 μm
	EPODUX ST 86-31	230 μm
C4 ANV 1336	POLYSTRIA v01	50 μm
C4 ANI		
GTAIGI	FERROCOTE	140 μm
C4 ANI 657	FERROCOTE	140 μm
CA CNV	TERROCOTE	140 μπ
C4 GNV	FRODILLY BRIMER 44 424 A4	F0
C4 GNV 838	EPODUX PRIMER 61-134 v01	50 μm
	POLYSTRIA v01	50 μm
C4 ZNV		
C4 ZNV 1133	EPODUX PRIMER 61-134 v01	40 μm
	FERROTHANE	100 μm
	PRIMODUX H	20 μm
C4 ZNV 1135	PRIMODUX H	80 μm
	POLYSTRIA v01	40 μm

C5 Ma ANV		
	ZINC SILICATE 76-98-1	60 μm
C5 Ma ANV 1136	EPODUX PRIMER 61-134 v01	30 μm
C5 Ma ANV 1150	EPODUX BR 100 ALU	150 μm
	POLYSTRIA v01	50 μm
	ZINC SILICATE 76-98-1	60 μm
C5 Ma ANV 1331	EPODUX PRIMER 61-134 v01	30 μm
CJ Ma ANV 1331	EPODUX IM 209	150 μm
	POLYSTRIA v01	50 μm
C5 GNV		
C5 GNV 866	EPODUX IM 209	150 μm
C3 GNV 800	POLYSTRIA v01	50 μm
Im2 ANI		
Im2 ANI 950	PRIMODUX H	50 μm
IIII2 ANI 950	EPODUX IM 209	400 μm
lm2 ANI 1232	EPODUX IM 209	100 μm
IIIIZ AINI 1232	EPODUX IM 209	350 μm
Im2 ZNI		
I 2 7 NII 1 2 C 4	EPODUX IM 209	50 μm
lm2 ZNI 1284	EPODUX IM 209	350 μm







MAINTENANCE WORK

C3 AMV		
	CHIMICOTE	120 μm
C3 AMV 450	CHIMICOTE	120 μm
	POLYSTRIA v01	40 μm
C3 AMV 537	FERROCOTE	180 μm
C5 ANN 557	POLYSTRIA v01	60 μm
	FERROCOTE	100 μm
C3 AMV 658	FERROCOTE	100 μm
	POLYSTRIA v01	40 μm
	EPODUX BR 100	100 μm
C3 AMV 1104	EPODUX BR 100	100 μm
	POLYSTRIA v01	40 μm
	EPODUX ST 86-31	100 μm
C3 AMV 1339	EPODUX ST 86-31	100 μm
	POLYSTRIA v01	40 μm
C3 AMI		
62 AM 656	FERROCOTE	120 μm
C3 AMI 656	FERROCOTE	120 µm

C4 AMV		
	CHIMICOTE	140 μm
C4 AMV 451	CHIMICOTE	140 μm
	POLYSTRIA v01	40 μm
C4 AMV 474	CHIMICOTE ST	140 µm
C4 AMV 474	FERROTHANE	140 μm
	FERROCOTE	120 μm
C4 AMV 659	FERROCOTE	120 μm
	POLYSTRIA v01	40 μm
	EPODUX BR 100	120 μm
C4 AMV 1105	EPODUX BR 100	120 μm
	POLYSTRIA v01	40 μm
	EPODUX ST 86-31	120 μm
C4 AMV 1338	EPODUX ST 86-31	120 µm
	POLYSTRIA v01	40 μm
C4 AMI		
	FERROCOTE	140 μm
C4 AMI 657	FERROCOTE	140 μm
		-







WORKSHOP SYSTEMS

A high number of engineering structures, silos, industrial equipments, construction frameworks, etc. are manufactured on the workshop and assembled on site. ACQPA certified systems in the C3/C4/C5 categories fulfill this need for new works. However, certification covers neither C1 and C2 environments, nor low and medium durability systems.

Depending on the required guarantee, we can propose the systems shown here, and many others...

ISO 12	944-5 BASED SYSTEMS	
C1	MONOCOUCHE SR 75	80 μm
C1	PRIMOTHANE	80 μm
C2	MONOCOUCHES SR 75	70 μm
	MONOCOUCHES SR 75	70 μm
C2	PRIMOTHANE	120 μm
С3	MONOCOUCHE SR 75	70 μm
	MONOCOUCHE SR75	70 μm
	PRESTOLUX FX or POLYSTRIA v01	40 μm
С3	PRIMODUX H	90 μm
	POLYSTRIA v01	50 μm

C3	Check out our selection of C3ANV certified systems on www.acqpa.com
C4	Check out our selection of C4ANV certified systems on www.acqpa.com
C5	Check out our selection of C5Ma ANV certified systems on www.acqpa.com





THE OUTSIDES OF TANKS ▶ "Airless" application on the workshop ► "Roller" application on the workshop **ENVIRONMENT SYSTEMS PRODUCTS THICKNESS ENVIRONMENT SYSTEMS PRODUCTS THICKNESS FERROCOTE EPODUX BR 100** 100 µm 100 μm C3 AMV C3 AMV **FERROCOTE EPODUX BR 100** 100 µm 100 µm **C3 C3** 658 1104 **POLYSTRIA v01** 40 µm **POLYSTRIA v01** 40 µm **FERROCOTE** 120 µm **EPODUX BR 100** 120 µm C4 AMV C4 AMV **FERROCOTE** 120 µm **EPODUX BR 100** 120 µm C4 C4 659 1105 **POLYSTRIA v01** 40 µm **POLYSTRIA v01** 40 µm **ZINC SILICATE 76-98-1 EPODUX BR 100** 100 µm 60 µm **EPODUX PRIMER** C5 Ma **EPODUX BR 100** 100 µm 30 µm 61-134 v01 **ANV C5 C5 EPODUX BR 100** 100 µm 1331 **EPODUX IM 209** 150 µm **POLYSTRIA v01** 50 μm **POLYSTRIA v01** 50 µm

▶ "Mixed" application on the workshop

ENVIRONMENT	SYSTEMS	PRODUCTS	THICKNESS
		EPODUX ST 86-31	100 μm
C3	C3 AMV 1339	EPODUX ST 86-31	100 μm
	1333	POLYSTRIA v01	40 μm
		EPODUX ST 86-31	120 μm
C4	C4 AMV 1338	EPODUX ST 86-31	120 μm
	1330	POLYSTRIA v01	40 μm
		EPODUX ST 86-31	150 μm
C5	C5 **	EPODUX ST 86-31	150 μm
		POLYSTRIA v01	50 μm

^{**} Non certified systems but guaranteed by the OHGPI.





The chemical compatibility with hydrocarbons of the proposed systems has been validated by the SEA and has been the subject of resistance reports, valid for all fuels currently used, including for aviation fuel and bio-fuels.

PETROLEUM & CHEMICAL PRODUCT STORAGE

THE INSIDES OF TANKS

► Resin coatings

PETROLEUM PRODUCTS	EPODUR	300 μm
	EPODUR	600 µm
	EPODUR	1000 µm
CHEMICALS*	EPODUX 291	150 µm
	EPODUX 291	150 µm

► Laminate coating

PETROLEUM PRODUCTS	EPODUR	+ 1 mat 450 g/m ²	1500 μm
PETROLEUM PRODUCTS	EPODUR	+ 3 mats 450 g/m ²	3000 μm
CHEMICALS*	EPODUR	+ 1 mat 450 g/m ²	1500 μm
CHEMICALS	EPODUX 291	C.	150 µm

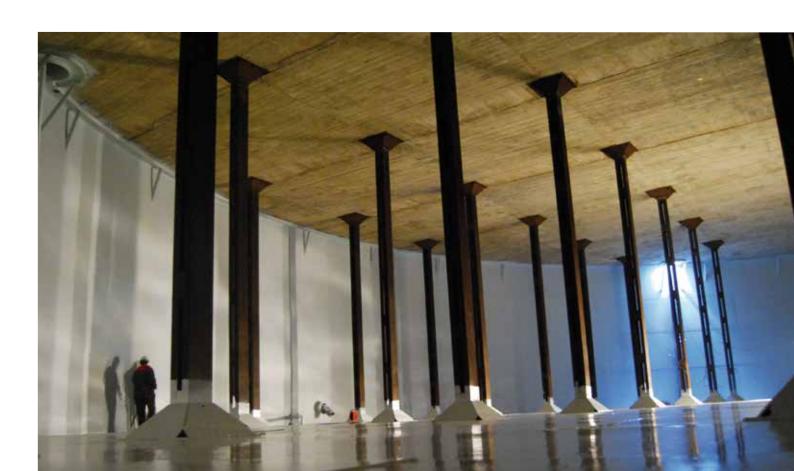
CONCRETE CONTAINMENT

► Resin or laminated coatings

Containment tanks are used to collect product leakage over a limited time period in order to prevent ground pollution. Please contact our Technical Service for each specific case. These systems can be made non-slip if necessary.

PETROLEUM PRODUCTS	EPODUR		1000 μm
	EPODUR	+ 1 mat 450 g/m²	1500 μm
CHEMICALS*	EPODUR	+ 1 mat 450 g/m ²	1500 μm
CHEMICALS	EPODUX 291		150 μm

Contact our technical department for information about resistance to the stored fluid.







PERFORMANCEAT THE SERVICE OF PAINTERS

PYLONS

Pylon protection products combine performance over time and ease-ofapplication. The Maestria pylon offer is extensive. It makes it possible to cater for all market segments, either in the classic "grey" shades or for aviation beacons.

SYSTEM 100% DILUTABLE IN WATER				
AN: Plain steel in	AQUAPYL PRIMER	70 μm		
a rural or urban environment	AQUAPYL FINITION	70 μm		
AG: Galvanised steel	HYDROPYL PRIMER	70 μm		
	HYDROPYL FINITION	70 μm		
Concrete bases	AQUAPYL PRIMER	70 μm		
	AQUAPYL FINITION	70 μm		

MIXED SYSTEMS (SOLVENT / WATER)			
AN: Plain steel in	PRIMAIRE SR AG	70 μm	
a rural or urban environment	AQUAPYL FINITION	70 μm	
C5: Plain or galvanised steel in a marine	PRIMAIRE SR AG	70 μm	
	AQUAPYL INTER	70 μm	
environment	AQUAPYL FINITION	70 μm	
P P C L · L C	PRIMAIRE SR AG	70 μm	
R: Refurbishment of very old pylons	AQUAPYL INTER	70 μm	
10.7 0.4 27.0113	AQUAPYL FINITION	70 μm	

SOLVENT-BASED SYSTEM	Λ	
IE: Electric insulation (protection of persons from an electrical hazard risk)	EPODUX PRIMER 61-134 v01 MAPYL POLYSTRIA v01 MAT	50 μm 700 μm 50 μm
		2 C P









Systems for penstocks and associated equipments (vanes, grids, turbines, etc.) must durably protect these structures in order to minimise operational downtime due to maintenance.

These systems, which are qualified as "very high durability", make it possible to avoid having to plan

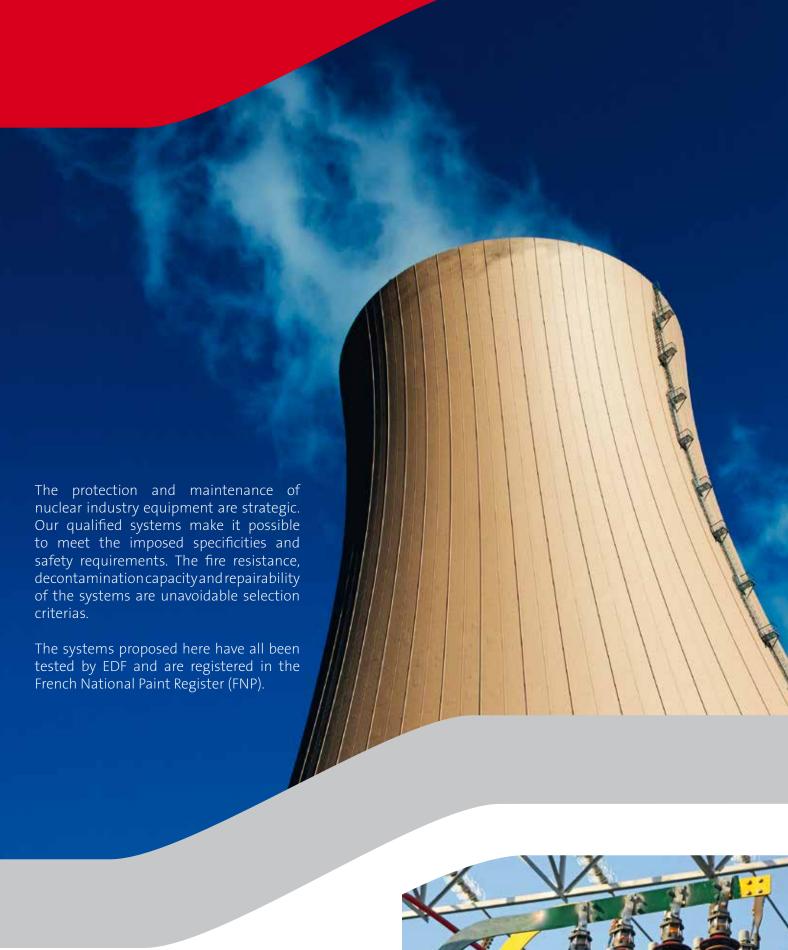
HYDRAULICS

FNP N°	CODIFICATION	PRODUCTS	THICKNES
		PRIMODUX H	50 μm
1054	HCC HCG HCB HAC HAG HAB	EPODUX IM 209	250 μm
	HNC HNG HMC HMG HMB 600	EPODUX IM 209	250 μm
Steel or metal	lised steel		
FNP N°	CODIFICATION	PRODUCTS	THICKNES
		EPODUX IM 209	50 μm
1066	HCC HCG HCB HAC HAG HAB	EPODUX IM 209	250 μm
	HNC HNG HMC HMG HMB 600,621	EPODUX IM 209	250 μm
	HCC HCG HCB HAC HAG HAB	EPODUX IM 209	50 μm
1067	HNC HNG HMC HMG HMB 600,621	EPODUX IM 209	500 μm

"Exposed" environ	ment		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
		EPODUX IM 209	195 μm
1050	PED 200 204	EPODUX IM 209	195 µm
		POLYSTRIA v01	60 μm
"Gallery" structure	es		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
1026	DED 200 204	EPODUX IM 209	100 μm
1036	PED 200 204	EPODUX IM 209	350 μm
Galvanised steel			
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
1065	PED 220 224	EPODUX IM 209	150 μm
1003	FLD 220 224	POLYSTRIA v01	50 μm

the next general maintenance for 25 years. Water and abrasion resistance are the main selection criteria.

Major deciders such as EDF have been trusting us on this specific market segment for decades.







NUCLEAR

PROTECTION OF METAL EQUIPMENT INSIDE THE PREMISES

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c	٠	^	^

Steel			
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
		MONOCOUCHE 44-15	40 μm
370	PIA100 101 EIA100	MONOCOUCHE 44-15	40 μm
	EIAIOO	FERROSOTER PC	40 μm
	PIA PIB PID EIA EIB EID	EPODUX PRIMER 61-134 v01	40 μm
380	100,101,103,104,119,120,121	EPODUX PRIMER 61-134 v01	40 μm
	122,123,124,125,126,127	POLYSTRIA v01	40 μm
		EPODUX PRIMER 61-134 v01	40 μm
381	PIA 100 101 120 121 122 EIA 100 120 121 122	EPODUX PRIMER 61-134 v01	40 μm
	EIA 100 120 121 122	FERROSOTER PC	40 μm
		EPODUX PRIMER 61-134 v01	40 μm
395	PIA PIB PID 100 EIA EIB EID 100	EPODUX PRIMER 61-134 v01	40 μm
	EIA EIB EID 100	EPODUX « O » 82-34	40 μm
		EPODUX 292	45 μm
1038	PIA PIB 100 101 103 104 EIA EIB 100 103 104 PIC PID 100*	EPODUX 292	45 μm
	EIA EID 100 103 104 PIC PID 100	EPODUX 294	50 μm

^{*} PIC PID 100 = codification currently undergoing validation.





NUCLEAR

PROTECTION OF METAL EQUIPMENT OUTSIDE THE PREMISES

► Sv	stems	for on	site	works
	3661113	101 011	3166	44 01 173

Systems for or	n site works		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
		FERROCOTE	80 µm
1022	PEA PEB 200 201 203 EEA EEB 200 20	FERROCOTE	80 µm
	EEA EED 200 20	POLYSTRIA v01	40 µm
		FERROCOTE	120 µm
1062	PEA PEB PEC 200 201 203 204 EEA EEB EEC 200 203 204	FERROCOTE	120 µm
	LLA LLD LLC 200 207 204	POLYSTRIA v01	40 μm
		EPODUX IM 209	195 µm
1050	PED 200 204	EPODUX IM 209	195 µm
		POLYSTRIA v01	60 µm
Systems for th	ne workshop		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
		PRIMODUX H	90 μm
1064	PEA PEB PEC 200 201 203 204	PRIMODUX H	90 μm
		POLYSTRIA v01	50 μm
Systems for ga	alvanised steel		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
	DEA DED DEC 224 224	EPODUX ZINC 62-208*	50 μm
1063	PEA PEB PEC 220 224 EEA EEB EEC 220 224	EPODUX PRIMER 61-134 v01	50 μm
		POLYSTRIA v01	50 μm
1065	PED 220 224	EPODUX IM 209	150 μm
1002	PED 220 224	POLYSTRIA v01	50 μm
Systems for m	etallised steel		
FNP N°	CODIFICATION	PRODUCTS	THICKNESS
		EPODUX IM 209	50 μm
1072	PED 221	EPODUX IM 209	350 μm
		POLYSTRIA v01	50 μm

^{* &}quot;Zero" coat used to repair the galvanisation if it is damaged.



CLADDING

The maintenance of thin cladding sheet metal is not in the scope of application of the ISO 12944 standard. Nevertheless, the need to maintain these structures is real. Guarantees of up to 3 years for corrosion protection and 5 years for appearance can be given* for MAESTRIA systems.

ENVIRONMENT	TOUCH-UPS ON CORRODED AREAS	TOUCH-UPS ON FLAKING AREAS	GENERAL COATS
C1	MONOPRIMER 58-86: 50 μm	STRIACRYL "O": 50 μm	STRIACRYL "O": 50 μm
C2	MONOPRIMER 58-86: 50 μm	STRIACRYL "O": 50 μm	STRIACRYL "O": 80 μm
С3	MONOPRIMER 58-86: 80 μm	STRIACRYL "O": 50 μm	STRIACRYL "O": 80 μm
C4	EPODUX ST 86-31: 120 μm	STRIACRYL "O": 80 μm	STRIACRYL "O": 80 μm
CE		FDODLLY CT 96 21, 120	EPODUX ST 86-31: 100 μm
C5 EPG	EPODUX ST 86-31: 160 μm	EPODUX ST 86-31: 130 μm	POLYSTRIA v01: 40 μm

^{*} Please refer to circular G 41/ Rev1 / 2010 from the OHGPI.







PRODUCTS IN THE CORROSION LINE

CATEGORY	PRODUCTS		
SURFACE TREATMENT	METONET	Gelified acid solution Gel with phosphate enhancing and pickling properties for metal surfaces.	
	PRESTOWASH	Polyvinyl butyral Polyvinyl butyral resin-based reactive primer (wash primer)	
	FERROMINE	Modified glycerophtalic primer Rust proof bodyshop primer	
	FERROPRIM	Acrylic with solvents Acrylic primer / finish in solvent phase with a very slight smell.	
	FERROSOTER PRIMAIRE	Glycerophtalic primer Anti-rust primer with zinc phosphate for the protection of steel	
	GALVASOTER PRIMAIRE	Modified acrylic styrene Bond coat primer for galvanised steel	
SINGLE COMPONENT	MONOCOUCHE SR 75	Modified glycerophtalic primer/finish, with zinc phosphate pigmentation, quick drying.	•
SOLVENT-BASED	MONOPRIMER 58-86	Modified glycerophtalic primer Single-component, quick-drying "universal primer".	•
	PRESTOPRIM A/C	Quick drying oleoglycerophtalic Single-component, quick-drying anti-rust primer	•
	PRESTOPRIM MAT	Quick drying oleoglycerophtalic Matt, quick drying bodyshop primer	•
	PRESTOPRIM SATIN	Quick drying oleoglycerophtalic Satin finish, quick drying bodyshop primer	•
	PRIMAIRE SR AG	Oil / Alkyd Primer for plain steel, pigmentation using micaceous iron oxide	RTE
	ZINCOLAC	Glycerophtalic Paint that can be used both as anti-corrosion primer and semigloss finish	•
	FERROSOTER PC	Glycerophtalic Finish with a decorative gloss aspect.	EDF 🤎
	PRESTOLUX FWS	Oleoglycerophtalic Fast drying, gloss finish, multi-purpose lacquer. Contains a corrosion inhibitor	•
ALKYD FINISH PAINTS	PRESTOLUX FX	Quick drying alkyd Fast drying and hardening finish gloss paint	•
	PRESTOLUX MARTELÉ	Modified alkyd Modified alkyd lacquer with a "beaten" aspect	•
	ZINCOLAC	Glycerophtalic Paint that can be used both as anti-corrosion primer and semi- gloss finish	•
	AQUAPYL PRIMER	Modified acrylic Primer for plain steel, pigmentation using micaceous iron oxide	RTE
WATER BASED- PRIMER PAINTS	MULTIFACE HYDRO	Modified acrylic coating Primer dilutable in water for bonding on different supports	
	HYDROPYL PRIMAIRE	Modified acrylic Primer for galvanised steel pylons	RTE
WATER BASED-	BIOFER	Modified acrylic coating Single-component soft coating. Soluble in water Satin appearance	•
PRIMER AND	STRIACRYL "O"	Acrylic styrene dilutable in water Coating for the renovation of pre-varnished metallic surfaces	•
FINISH PAINTS	ZINCOLAC "O"	Water-dilutable Alkyd Paint that can be used both as anti-corrosion primer and semi- gloss finish	•
WATER	AQUAPYL FINITION	Modified acrylic Finish for pylons, dilutable in water	RTE
BASED-	HYDROSOTER	Modified acrylic dilutable in water Semi-gloss finish lacquer	•
FINISH PAINTS	HYDROPYL FINITION	Modified acrylic Finish for galvanised steel pylons, dilutable in water	RTE

CATEGORY	PRODUCTS		
WATER BASED	riobecis		
INTERMEDIATE PAINTS	AQUAPYL INTER	Modified acrylic Barrier coat for 3-coat pylon systems	
BITUMINOUS PAINTS	BITUME EXTRA	Plastic bituminous paint Bituminous black varnish, used as an economical industrial coating. Satin-like finish	
	VULCOBITUME EPAIS 43-63	Bituminous High viscosity coating for the protection of metal supports in a wet, in-ground or immersed environment	
	EPODUX ZINC 59-178	Zinc single-component Epoxy ester primer with high zinc content	
ZINC PRIMERS	EPODUX ZINC 212	Silicate epoxy zinc primer Primer based on epoxy-silicate binder and pigmented with zinc dust	
	EPODUX ZINC 52-80	Epoxy primer with high zinc content Reticulated epoxy primer with polyamide and zinc metal pigmentation (content in the dry coat in excess of 80%)	ACQPA
	EPODUX ZINC 57-35	Zinc epoxy primer Epoxy primer with metal zinc and micaceous iron oxide pigmentation	ACQPA
	EPODUX ZINC 62-208	Epoxy primer with high zinc content Reticulated epoxy primer with polyamide and zinc metal pigmentation (content in the dry coat: 90%)	EDF ACQPA
	ZINC SILICATE 76-98-1	Zinc ethyl silicate Non-organic primer with high zinc content	ACQPA
EPOXY SOLVENT BASED / PRIMERS	EPODUX 291	Phenolic epoxide Coating that resists to a wide range of chemicals. Can be used a a primer	SEA
	EPODUX 292	Phenolic epoxide Phenolic epoxy paint that can be used as primer or intermediate coat.	EDF
	EPODUX PRIMER 61-134 v01	Epoxy / polyamide primer Anti corrosion primer with zinc phosphate	ACQPA EDF RTE
	PRIMODUX H	Quick drying epoxy / vinyl High reactivity primer or intermediate, even at low temperatures (-5°C)	ACQPA EDF
	PRIMODUX SR 74-31	Quick drying epoxy High reactivity primer or intermediate, even at low temperatures (-5°C)	ACQPA
	CHIMICOTE ST	Modified epoxy for tolerant surface Epoxy paint, twin-component, High Dry Extract, pigmentation using zinc phosphate	ACQPA
	CHIMICOTE PRIMAIRE	Modified epoxy Epoxy paint, twin-component, High Dry Extract, pigmentation using zinc phosphate, good bonding on old substrates	ACQPA
	CHIMICOTE FINITION	Modified epoxy Intermediate coat in the Chimicote system	ACQPA
MODIFIED EPOXY	EPODUX BR 100	Polyamine epoxy Primer or intermediate, for tolerant surface, for manual application (brush-roller)	ACQPA 🛑
	EDODUX BR 100 ALU	Polyamine epoxy / Aluminium - Micaceous iron oxide Modified primer or intermediate, for tolerant surfaces, pigmentation reinforced in corrosion inhibitors	ACQPA
	EPODUX IM 209	"Tolerant" high dry extract epoxy High dry extract epoxy coating tolerant to humidity	ACQPA EDF 🤎
	EPODUX IM 209 GF	"Tolerant" high dry extract epoxy Version of EPODUX IM 209 reinforced in "glass flakes"	
	EPODUX IM 213 (N)	"Tolerant" high dry extract epoxy High dry extract epoxy coating tolerant to humidity and with high abrasion resistance	
	EPODUX ST 86-31	Tolerant epoxy Epoxide primer or intermediate, twin-component, High dry extract, tolerant to humidity, zinc phosphate pigmentation	ACQPA 🛡
	FERROCOTE	High Dry Extract modified epoxy Epoxide primer or intermediate paint, quick drying and with zinc phosphate pigmentation.	ACQPA EDF
EPOXY SOLVENT BASED INTERMEDIATE	EPODUX HV PC	High viscosity polyamide epoxy Dual component epoxy paint, applicable in thick coats	ACQPA

CATEGORY	PRODUCTS		
SOLVENT FREE EPOXY	BIOTANK	Solvent free epoxy, when cold, applicable with an airless sprayer Coating suitable for contact with potable water (ACS) and with powdered foodstuffs	ACS
	EPODUR IMPREGNANT	Solvent free epoxy, application with a roller "Fluid" version of the EPODUR family, used to create laminate coats	SEA
	EPODUR	Solvent free epoxy, when cold, applicable with an airless sprayer Coating for petroleum product storage	SEA
	EPODUX ARF	Epoxidic without volatile fraction Epoxidic coating Applicable using the Airless 60/1 at a thickness of 150 to 500 μm per coat	M1 EDF ACQPA
	EPODUR GF	Solvent free epoxy, glass flakes Version reinforced with more glass flakes	
SOLVENT BASED EPOXY COATINGS WITH SPECIFIC FUNCTIONS	EPODUX PRIMER 61-134 v01	Epoxy / Polyamide Zinc phosphate primer applicable in thin coats All metals	ACQPA EDF RTE
	EPODUX 291	Phenolic epoxide Coating that resists to a wide range of chemicals. Can be used as a primer	SEA
	EPODUX 294	Phenolic epoxide Epoxy-phenolic finish, semi-gloss, can be decontaminated	EDF 🧶
	EPODUX GRAPHITE	Phenolic epoxide conductor Paint that allows the evacuation of electrostatic charges	
	MAPYL	High Dry Extract Epoxy Insulating epoxidic coating	RTE
	MONOFLASH	Acrylic with reagent monomers (methacrylate) Thixotrope coating, twin-component, with "flash" reticulation	SNCF
GLASS FLAKE COATINGS	EPODUX IM 209 GF	Epoxide High Dry Extract "tolerant" Version of EPODUX IM 209 reinforced with "glass flakes"	
	EPODUR GF	Solvent free epoxy, glass flakes Version of Epodur reinforced with more glass flakes	
POLYURETHANE COATINGS	FERROTHANE	Dry High Extract Polyurethane Satin finish, based on polyurethane resin, applicable in thick coats.	ACQPA 🧶
	POLYSTRIA v01	Acrylic Polyurethane Gloss finish, twin-component, based on acrylic resin. Reticulated using aliphatic isocyanate	ACQPA EDF RTE (
	POLYURETHANE ALUMINIUM	Polyurethane coating Twin-component, aluminium finish paint (RAL 9006 or RAL 9007)	
	PRESTOTHANE	Polyurethane Economic twin-component polyurethane lacquer	•
	PRESTOTRUCK	Polyester / Polyurethane Twin-component polyurethane lacquer	•
	PRIMOTHANE	Polyurethane single coat Twin-component polyurethane coating, anti-corrosive through associated action, high chemical inertia.	•
	PROTECTHANE	Polyurethane Surface tolerant polyurethane coating, applicable in thick coats.	•
HIGH TEMPERATURE PAINTS	PINTALU 400 PRIMAIRE	Modified synthetic Primer for the protective coating of steel walls exposed to high temperatures (up to 400°C peak temperature).	
	PINTALU 400 FINITION	Modified silicone Protection coating for steel walls exposed to high temperatures (maximum 400°C peak temperature).	
	PINTALU 600 PRIMAIRE	Silicone Primer for the protection of steel walls exposed to high temperatures (up to 600°C peak temperature).	
	PINTALU 600 FINITION	Silicone Primer for the protection of steel walls exposed to high temperatures (up to 600°C peak temperature).	
	PINTALU	Modified synthetic finish Aluminium finish paint, exclusively for indoor use, capable of withstanding maximum temperatures of 250°C.	



GLOSSARY

ACQPA

Association pour la Certification et la Qualification en Peinture Anticorrosion (Association for the Certification and Qualification of Anti-Corrosion Paints). Created in June 1994 ACQPA is a third party certification organisation. The ACQPA certifies that the products and services that contribute to the final protection performance are compliant with requirements predefined in known references that are validated by the different representative market players.

Certificates issued by the ACQPA cover:

- ▶ Paint system performances and the performances of their components [Product and systems certification]
- ► The qualification of paint application staff and their supervision [Operator certification]
- ► The qualification of the persons in charge of inspection and technical advice [Inspector certification]
- ► Web site: www.acqpa.com

FNP

French National Paint Register This regularly updated file groups together all the paint systems applicable to structures belonging to EDF. The systems are registered based on their performances, but also according to toxicological criteria.

► Web site: inge-fnp.edf.fr

Guarantee

It is approved by the OHGPI and is materialised by an H sheet. It covers a duration, a reference to a pictorial standard (ISO 4628 standard), reference to appearance durability (blistering, cracking, flaking, ISO 4628 standard) and soon a reference to colour durability (NFT 34-554 standard).

The guarantee period is a legal notion that is the subject of precise clauses in the administrative part of a contract. The guarantee period is usually shorter than the durability. There are no existing rules to correlate these two periods.

GEPI

Groupement des Entrepreneurs de Peinture Industrielle (Industrial Paint Contractor Consortium). In half a century, the "industrial paint" activity has managed to federate most paint businesses of which all or part of the activity covers works to protect metal constructions or civil engineering structures. It is a fully fledged sector in the building industry. Works are carried out both on new builds and on the maintenance of existing structures.

In France there are about 200 businesses working in the sector, the majority of them (90%) are represented by the Industrial Paint Contractor Consortium.

➤ Web site: www.gepi.com

HIGH DURABILITY

The ISO 12944 standard, which is now the world reference for the protection against corrosion of metal structures using paints or mixed coatings, clearly defines:

- ▶ Durability: expected service life of a paint system until the first major application of maintenance paint.
- ▶ High durability: durability greater than 15 years.

This ISO 12944 standard also indicates that durability is not a "guarantee period". It is a technical notion that may help the project owner to set up a maintenance schedule.

OHGPI

Office d'Homologation des Garanties de Peinture Industrielle (Industrial Paint Guarantee Approval Office). The OHGPI is a French association that was created 60 years ago. It massively represents the French sector with 200 members of which 155 are contractors and 35 are manufacturers. There are also a few foreign members and a process is ongoing with European groups on the future standardisation of guarantees in Europe.

OHGPI's objective is a joint manufacturer (SIPEV) and contractor (GEPI) guarantee that is coherent, sincere, realistic, objective and verifiable.

➤ Web site: www.ohgpi.com

SIPEV

The Syndicat national des Industries des Peintures, Enduits et Vernis (National Syndicate of Paint, Render and Varnish Industries) groups together French manufacturers of paints for decoration, construction, wood, vehicles, industry, packaging, corrosion protection and marine use. In a continuously changing economic, corporate and regulatory environment, this syndicate is a stakeholder in the debates and processes that are building tomorrow's industry.

The SIPEV is a member of the FIPEC.

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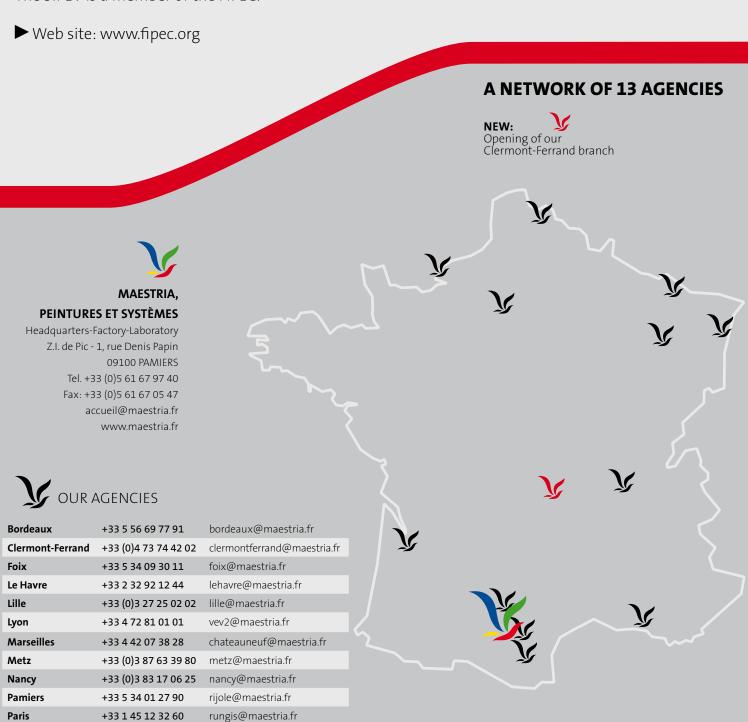
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SEA

Service des Essences des Armées (French Armey Services Fuel Department). One of this French armey services department's many missions is to assess coatings that come into contact with petroleum products. Approval certificates issued by the SEA are valid 10 years and are recognised by all oil companies.

➤ Web site: www.defense.gouv.fr/essences



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