

Premium technology for all application types

Whatever your requirements, whether you are painting shelving, bicycles, furniture, metal frames, garage doors or agricultural machinery, SELEMIX SYSTEM is the perfect solution for an impeccable finish.

SELEMIX SYSTEM is a top-quality multi-mix concept, perfectly adapted to finishing and protecting surfaces in the light industrial markets.

The SELEMIX SYSTEM line comprises a range of concentrated tinters and binders. When these are combined, the result is a broad range of tailored paint systems to ensure you meet your customers' expectations in terms of performance, quality and cost.

Combining colours and binders multiplies your opportunities of producing to order, while keeping stock levels, and thus your financial investment, to a minimum.

The SELEMIX SYSTEM line includes UHS products, which meet European requirements (1999/13 SED) in terms of solvent emissions.

*SELEMIX SYSTEM
a small-scale paint production
unit in your hands*



SELEMIX SYSTEM

Direct to metal topcoats: a flexible and efficient solution

When you chose SELEMIX SYSTEM DTM topcoats you gain all the flexibility your production process may need:

SELEMIX SYSTEM DTM is flexible as topcoats can be applied with any of the most common spraying equipments, even roller brush, thus avoiding additional investments in specific spraying tools.

It is flexible as the wide range of colour formulations covers the most popular industrial references.

It is flexible as each topcoat is available in four different gloss levels, so that every aesthetic requirement can be satisfied.

When mixed with the high solids hardener, it is a low solvent content product fulfilling European requirements (1999/13 SED).

Implementing SELEMIX SYSTEM DTM topcoats increases efficiency of your painting process and extends the durability of the coated item.

It offers an excellent adhesion to a wide range of substrates, allowing a direct application and thus saving pre-treatment time requirement and cost.

It delivers very good level of coverage and can be applied at high thickness, so that many jobs can be finished with one single stage application.

It provides the maximum protection and durability and extends the operational life of the coated equipment, therefore reducing the maintenance cost and downtime.



SELEMIX SYSTEM Direct To Metal topcoats: the unique two pack high build polyurethane topcoats range.

17

TINTERS

1

STANDARD WHITE
POLYURETHANE
TOPCOAT

43

BINDERS

5 for primers and 38 for topcoats

5

TINTED
PRIMERS

16

HARDENERS

9

THINNERS

7

ADDITIVES

ACRYLIC

- 7-110 2K Acrylic topcoat
- 7-120 2K UHS Acrylic topcoat
- 7-130 2K High build acrylic topcoat
- 7-140 2K Acrylic matt topcoat

CELLULOSE

- 7-310 1K Cellulose topcoat
- 7-320 1K Cellulose matt topcoat
- 7-330 1K Cellulose extra gloss topcoat

EPOXY

- 7-413 2K Epoxy primer
- 7-414 2K Epoxy vinyl primer
- 7-410 2K Epoxy topcoat
- 7-411 2K Epoxy grained topcoat
- 7-412 2K Epoxy matt topcoat
- 7-420 2K Epoxy vinyl topcoat

POLYURETHANE

- 7-510 2K Polyurethane topcoat
- 7-511 2K Polyurethane matt topcoat
- 7-512 2K Polyurethane extra topcoat
- 7-513 2K Polyurethane grained topcoat
- 7-514 2K Polyurethane topcoat for galvanized steel
- 7-530 2K Direct binder GL 10%
- 7-531 2K Direct binder GL 10% light colors
- 7-532 2K Direct binder GL 30%
- 7-533 2K Direct binder GL 30% light colors
- 7-534 2K Direct binder 50%
- 7-535 2K Direct binder 50% light colors
- 7-536 2K Direct binder 70%
- 7-537 2K Direct binder 70% light colors
- 7-550 2K UHS Polyurethane topcoat

SYNTHETIC

- 7-020 1K Synthetic brushable matt topcoat
- 7-030 1K Synthetic brushable topcoat
- 7-080 1K Brushable primer
- 7-610 1K Fast dry synthetic topcoat
- 7-611 1K Fast dry synthetic matt topcoat
- 7-620 1K Micaceous iron oxide topcoat
- 7-630 1K Synthetic urethane topcoat
- 7-648 1K Fast dry synthetic extra topcoat
- 7-710 1K Synthetic topcoat oven dry 120°C
- 7-720 1K Synthetic matt topcoat oven dry 120°C
- 7-740 1K Synthetic topcoat oven dry 80°C
- 7-750 1K Synthetic matt topcoat oven dry 80°C
- 7-810 1K Fast dry primer
- 7-820 1K Fast dry primer extra
- 7-910 1K Chlorinated alkyd topcoat
- 7-920 1K Chlorinated rubber topcoat

TINTED PRIMERS

- 0-400 2K Epoxy primer beige
- 0-440 2K High build anticorrosive primer grey
- 0-480 2K Zinc rich epoxy primer
- 0-500 2K PU Direct primer grey
 - 0-501 white
 - 0-502 black
 - 0-503 red
- 0-800 1K Primer light grey
 - 0-801 red
 - 0-802 black
 - 0-803 dark grey

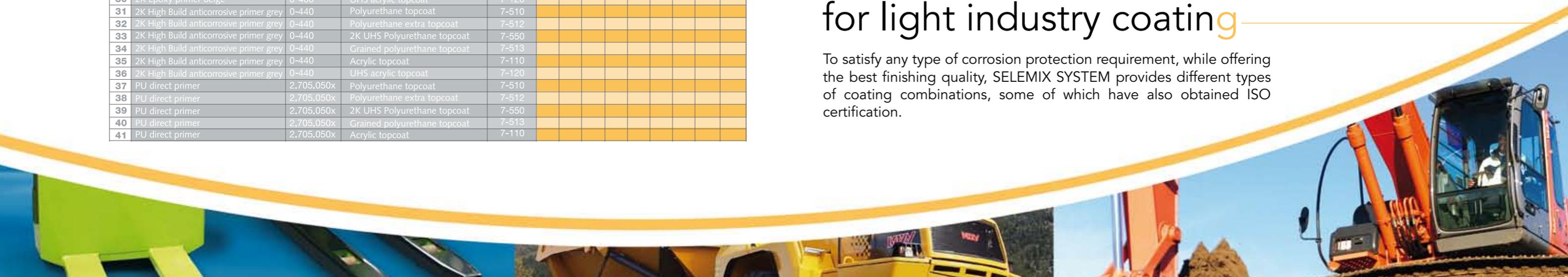


CYCLE N°	PRIMER		TOPCOAT		SUBSTRATE																				
					Steel	Black steel	Galvanized steel	Zinc sprayed steel	Pre-coated metal	Light alloys	Stainless steel	Fibre glass reinforced polyester	Old finishes												
1	Fast dry primer	7-810	Cellulose topcoat	7-310																					
2	Fast dry primer	7-810	Fast dry synthetic topcoat	7-610																					
3	Fast dry primer	7-810	Fast dry synthetic extra topcoat	7-648																					
4	Fast dry primer extra	7-820	Cellulose extra gloss topcoat	7-330																					
5	Fast dry primer extra	7-820	Fast dry synthetic topcoat	7-610																					
6	Fast dry primer extra	7-820	Chlorinated alkyd topcoat	7-910																					
7	Fast dry primer extra	7-820	Chlorinated rubber topcoat	7-920																					
8	Brushable primer	7-080	Synthetic brushable topcoat	7-030																					
9	Epoxy primer	7-413	Epoxy topcoat	7-410																					
10	Epoxy primer	7-413	Polyurethane topcoat	7-510																					
11	Epoxy primer	7-413	Polyurethane extra topcoat	7-512																					
12	Epoxy primer	7-413	2K UHS Polyurethane topcoat	7-550																					
13	Epoxy primer	7-413	Grained polyurethane topcoat	7-513																					
14	Epoxy primer	7-413	Acrylic topcoat	7-110																					
15	Epoxy primer	7-413	UHS acrylic topcoat	7-120																					
16	Epoxy vinyl primer	7-414	Epoxy vinyl topcoat	7-420																					
17	Epoxy vinyl primer	7-414	Epoxy topcoat	7-410																					
18	Epoxy vinyl primer	7-414	Polyurethane extra topcoat	7-512																					
19	Epoxy vinyl primer	7-414	2K UHS Polyurethane topcoat	7-550																					
20			Grained epoxy topcoat	7-411																					
21			Synthetic topcoat oven dry 80°C	7-740																					
22			Synthetic topcoat oven dry 120°C	7-710																					
23			2K polyurethane topcoat for galvanised sheets	7-514																					
24			2K direct to metal topcoat	7-530/7																					
25	2K Epoxy primer beige	0-400	Polyurethane topcoat	7-510																					
26	2K Epoxy primer beige	0-400	Polyurethane extra topcoat	7-512																					
27	2K Epoxy primer beige	0-400	2K UHS Polyurethane topcoat	7-550																					
28	2K Epoxy primer beige	0-400	Grained polyurethane topcoat	7-513																					
29	2K Epoxy primer beige	0-400	Acrylic topcoat	7-110																					
30	2K Epoxy primer beige	0-400	UHS acrylic topcoat	7-120																					
31	2K High Build anticorrosive primer grey	0-440	Polyurethane topcoat	7-510																					
32	2K High Build anticorrosive primer grey	0-440	Polyurethane extra topcoat	7-512																					
33	2K High Build anticorrosive primer grey	0-440	2K UHS Polyurethane topcoat	7-550																					
34	2K High Build anticorrosive primer grey	0-440	Grained polyurethane topcoat	7-513																					
35	2K High Build anticorrosive primer grey	0-440	Acrylic topcoat	7-110																					
36	2K High Build anticorrosive primer grey	0-440	UHS acrylic topcoat	7-120																					
37	PU direct primer	2.705.050x	Polyurethane topcoat	7-510																					
38	PU direct primer	2.705.050x	Polyurethane extra topcoat	7-512																					
39	PU direct primer	2.705.050x	2K UHS Polyurethane topcoat	7-550																					
40	PU direct primer	2.705.050x	Grained polyurethane topcoat	7-513																					
41	PU direct primer	2.705.050x	Acrylic topcoat	7-110																					

Field of Use	Paint Cycle																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Machine Tools	■	■	■	■	■					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Shelving	■	■	■	■	■						■	■	■	■	■	■	■	■	■	■	■	■	■	■
Metal Structural Work	■	■	■	■	■						■	■	■	■	■	■	■	■	■	■	■	■	■	■
Industrial plants minor maintenance	■	■	■	■	■																			
Cranes					■	■	■	■																
Bridge Cranes					■	■	■	■																
Industrial plants renovation					■	■	■	■																
Forged Iron								■																
Banisters / railings								■																
Industrial machines in aggressive environments									■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Covers										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Control panels											■	■	■	■	■	■	■	■	■	■	■	■	■	■
Items to be painted later																■								
Bicycle frames																				■	■	■	■	■
Handles																					■	■	■	■
Small metal items																								
Agricultural machinery																								
Garage doors																								
Items made of galvanised sheets																						■	■	■

A reliable solution for light industry coating

To satisfy any type of corrosion protection requirement, while offering the best finishing quality, SELEMIX SYSTEM provides different types of coating combinations, some of which have also obtained ISO certification.



SELEMIX SYSTEM anti-corrosive paint processes

Corrosion means the breaking down of essential properties in a material due to chemical reactions with the environment that surrounds it and “rust” is probably the most common example of electrochemical corrosion: loss of electrons of metals reacting with water and oxygen and the consequent weakening of iron due to the oxidation of the iron atoms.

Many international studies estimate that annual corrosion costs range from approximately 1 to 5% of the Gross National Product of each nation. Hence, adequate protection from corrosion translates into medium and long term savings due to minor maintenance costs and longer durability.

ISO standards mean high quality performance

In order to offer:

- a reliable guide in the selection of the paint systems meeting different customer specifications;
- a broad choice of Selemix anticorrosive paint systems in terms of quality, price and durability;
- certifications based on international standards recognized in the industrial market;

an independent accredited laboratory has tested a selection of SELEMIX SYSTEM cycles according to the 12944-6 ISO standard. The table aside lists SELEMIX SYSTEM offer for coating solutions with durability and corrosion protection performances tunable according to protection requirements.

Paint system	Substrate	Surface preparation	Zinc epoxy primer	Primer	Topcoat	Paint system DFT (µm)	Corrosion class and durability
1	Steel	Sa 2½	-	Epoxy primer 7-413	Epoxy topcoat 7-410	195	C3-Medium, C4-Low
1	Zinc-coated steel	-	-	Epoxy primer 7-413	Epoxy topcoat 7-410	200	C2-Low, medium, high C3-Low, medium, high C4-Low, medium C5-M Low
2	Steel	Sa 2½	-	Epoxy primer 7-413	PUR Extra topcoat 7-512	200	C3-High, C4-Medium, C5-M Low
2	Zinc-coated steel	-	-	Epoxy primer 7-413	PUR Extra topcoat 7-512	210	C2-Low, medium, high C3-Low, medium, high C4-Low, medium C5-M Low
3	Steel	Sa 2½	-	Epoxy primer 7-413	Acrylic topcoat 7-110	220	C3-Medium, C4-Low
4	Steel	Sa 2½	-	PUR Primer 2.705.0500	PUR Extra topcoat 7-512	230	C3-High, C4-Medium, C5-M Low
4	Zinc-coated steel	-	-	PUR Primer 2.705.0500	PUR Extra topcoat 7-512	240	C2-Low, medium, high C3-Low, medium, high C4-Low, medium C5-M Low
5	Steel	Sa 2½	-	PUR Primer 2.705.0500	Acrylic UHS topcoat 7-120	230	C3-High, C4-Medium, C5-M Low
5	Zinc-coated steel	-	-	PUR Primer 2.705.0500	Acrylic UHS topcoat 7-120	240	C2-Low, medium, high C3-Low, medium, high C4-Low, medium C5-M Low
6	Steel	Sa 2½	-	-	2K PUR Direct to metal topcoat 7-534	160	C3-High, C4-Medium, C5-M Low
6	Zinc-coated steel	-	-	-	2K PUR Direct to metal topcoat 7-534	180	C2-Low, medium, high C3-Low, medium, high C4-Low, medium C5-M Low
7	Steel	Sa 2½	Zinc rich epoxy primer 2.704.0480	HB Anticorrosive epoxy primer 2.704.0440	HB Acrylic topcoat 7-130	300	C5-I High C5-M High
8	Steel	Sa 2½	Zinc rich epoxy primer 2.704.0480	-	PUR Extra topcoat 7-512	280	C5-I High C5-M High
9	Steel	Sa 2½	Zinc rich epoxy primer 2.704.0480	-	2K PUR Direct to metal topcoat 7-534	300	C5-I High C5-M High
10	Steel	Sa 2½	-	HB Anticorrosive epoxy primer 2.704.0440	HB Acrylic topcoat 7-130	300	C5-I High C5-M High
10	Zinc-coated steel	-	-	HB Anticorrosive epoxy primer 2.704.0440	HB Acrylic topcoat 7-130	270	C5-I High C5-M High
11	Steel	Sa 2½	-	HB Anticorrosive epoxy primer 2.704.0440	PUR Extra topcoat 7-512	250	C5-I High C5-M High
11	Zinc-coated steel	-	-	HB Anticorrosive epoxy primer 2.704.0440	PUR Extra topcoat 7-512	250	C5-I High C5-M High

An unrivalled colour offer

SELEMIX SYSTEM colour offer matches a wide range of international standard colours and it also includes a range of industrial colours commonly used in public transportation, oil industry, international fleet liveries as well as agricultural and machinery equipment coating.

More than 20.000 colour formulations are available across the range and to ensure the best accuracy, colours have been matched on the different binder chemical families.

SELEMIX SYSTEM colour offer is supported by a set of tools:

- a dedicated colour box containing more than 4000 coated chips;
- a RAL swatch;
- an on-line colour formulation service available 24/7 at selemix.com;
- a colour software CD regularly updated with the latest colour formulation.

And in case a customised colour is needed, you can use the spectrophotometer: a light and portable instrument based on laboratory standard colour software coupled with a user-friendly customer interface.

The spectrophotometer generates a formula for any colour almost instantaneously.

Reliable and accurate, it helps reduce overall preparation time for mixed colours.

This tool may be fully integrated with the computerised industrial dispensing machine.

The Selemix spectrophotometer makes available an infinite range of colours





Automated industrial dispensing service



Dispensing machine

Gyroscopic Mixer

Easy-to-use, tailor-made solutions, unrivalled colorimetry, all in minutes with the Selemix industrial dispensing machine

SELEMIX SYSTEM is supported by an automated, industrial dispensing machine capable of dosing all the mixed colours in record time.

All the concentrated tinters are stored and stirred in canisters connected to a dispensing head.

A specific dual gravimetric and volumetric dispensing mode and the online calibration allow for great accuracy, speed of execution and colour consistency over time.

The Selemix colour software manages the dispensing of standard or customised colour formulations, pricing and label-printing.

It is a modular and ergonomic equipment available in different configurations of canisters and pumps to meet any Selemix shop and point of sale requirements.





Needham Road, Stowmarket Suffolk
P 1 4 2 A D - United Kingdom
Tel. (+44) 1449 613 161 - Fax (+44) 1449 773 476

