



Orgachim[®]
INDUSTRIAL COATINGS



**ANTI-CORROSION AND
PROTECTIVE COATINGS**



Orgachim®

INDUSTRIAL COATINGS

"Orgachim" JSC, Ruse is one of the biggest and best equipped chemical companies in Southeastern Europe, with a long history in the production of paints and coatings, with modern installations and significant resources.

As a leading manufacturer, we provide full satisfaction to our customers and partners, both with the quality, durability and efficiency of our products, as well as with the beauty of the colors.

The business plans, innovations and technology used in manufacturing process, ensure a steady growth of our competitiveness on the market and increase the value of the company to shareholders and society by constantly taking care of people's health and environment.



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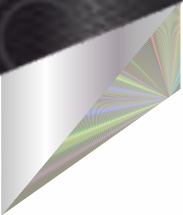
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SELECTION OF CORROSION PROTECTION SYSTEM

Standard ISO 12944 – “Paints and varnishes” is intended to assist corrosion experts to choose the best practice depending on environment and performance duration of the coating system before major maintenance.

CATEGORIES DEFINING THE DEGREE OF CORROSIVE ENVIRONMENTAL IMPACT :



C1	Heated buildings/neutral atmosphere
C2	Rural areas/ Low pollution
C3	Urban and industrial atmospheres, moderate sulfur dioxide levels Production areas with high humidity
C4	Industrial and coastal chemical processing plants
C5-I	Industrial areas with high humidity and aggressive atmospheres
C5-M	Marine, offshore*, estuaries, coastal areas with high salinity

CORROSION CATEGORIES – WATER AND SOIL

Im 1	Immersion in “fresh” water
Im 2	Immersion in sea or brackish water
Im 3	Buried in soil

CATEGORIES DEFINING THE SYSTEM 'S DURABILITY ACCORDING TO THE EXPECTED TIME BEFORE THE FIRST MAJOR MAINTENANCE :

HIGH DURABILITY (H)	> 15 years to first major maintenance
MEDIUM DURABILITY (M)	5-15 years to first major maintenance
LOW DURABILITY (L)	< 5 years to first major maintenance



Remember, when selecting the most cost effective system for your project, durability does not equate to a guarantee time.
Durability relates to the performance duration of the coating system before first major maintenance.
Regular minor maintenance should always be anticipated in order to achieve the required life to first major maintenance.

COATINGS` SELECTION AND RECOMMENDED THICKNESS OF LAYER, ACCORDING TO ENVIRONMENT CONDITIONS AND PLANNED EXPLOITATION PERIOD BEFORE MAJOR MAINTENANCE

CATEGORIZATION OF CORROSION ENVIRONMENT	TYPES OF COATINGS SUITABLE FOR THE SPECIFIC CORROSION ENVIRONMENT	THICKNESS OF DRY FILM
C1	Alkyd, Polyurethane	80 microns
C2	Acrylic, Polyurethane, Epoxy	80-160 microns
C3	Acrylic, Polyurethane, Epoxy	120-200 microns
C4	Acrylic, Polyurethane, Epoxy	160-240 microns
C5-I и C5-M	Epoxy, Polyurethane	200-300 microns

SURFACE PREPARATION BEFORE APPLICATION

Poor surface preparation can compromise the quality of the protective system and significantly shorten the planned maintenance period.
Important requirements for surface preparation prior to application of the protective coatings in accordance with ISO 8501 are the following:

- Minimal requirements for surface preparation: Sa 2 – Precise cleaning by sandblasting.
- Important requirements for surface preparation: Sa 2 ½ - Very precise cleaning by sandblasting.



INFRASTRUCTURE

**ROADS
AND HIGHWAYS**

**BRIDGE
CONSTRUCTION**

PORT COMPLEXES

**RAILWAY
INFRASTRUCTURE**



ROADS AND HIGHWAYS

Horizontal road marking is the main source for traffic information and is an important factor for its safety. Orgachim`s road marking paint covers all the needs and legislative requirements for quality and long lasting road marking.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT
Roads from the national road network with a medium to high traffic load up to 4,000 passes per day.	1K Acrylic	Horizontal Road Marking Paint	Normal
Urban network with high traffic load above 4,000 passes per day.	1K Acrylic	Horizontal Road Marking Paint	City
	1K Alkyd-chlorine paint	Horizontal Road Marking Paint	Traffic
Highways and roads with high traffic load above 4,000 passes per day.	2K Cold Plastic	Horizontal Road Marking Paint	98:2 Manual application
		Horizontal Road Marking Paint	98:2 Spray plastic
		Horizontal Road Marking Paint	1:1 Spray plastic

BRIDGE CONSTRUCTION

Concrete and steel structures in bridge construction require protection against atmospheric influences, mechanical impacts and abrasion. Orgachim industrial coatings meet the specific requirements for excellent adhesion, superb protection, high resistance to mechanical and thermal stress.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C3-L, M	2K	Primer	UR-01	L120-M160
		Finish	UR-11	
C4-L, M	2K	Primer	G-3100	L160-M200
		Finish	E-4310	
C4-H	2K	Primer	G-3733	H240
		Finish	E -4310	
C5I-L, M, H	2K	Primer	3119AcZn	L200-M240-H320
		Intermediate	Epox. Miox	
		Finish	E-4310	



PORT COMPLEXES

Loading equipment is the vital force of each port terminal. Suspension for maintenance is expensive, even when it is carefully planned. Our high performance protective coatings are designed to protect metallic assets from extreme weather conditions, salty water and abrasion.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C4-L, M	2K	Primer	G - 3100	L160-M200
		Finish	E - 4310	
C4-H	2K	Primer	G - 3733	H240
		Finish	E - 4310	
C5I-L, M, H	2K	Primer	G-3119AcZn	L200-M240-H320
		Intermediate	Epox. Miox	
		Finish	E-4310	



RAILWAY INFRASTRUCTURE

Corrosion protection of railway infrastructure and its associated facilities is an important factor for safe and long lasting operation. Orgachim's specialized coatings are designed to resist the quickly changing weather conditions and high mechanical stress.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C3-L, M	1K	Primer	PF-07	L120-M160
		Finish	IFD/Ultra Gloss Enamel	
C3-L, M (Non Fe)	1K	Finish	Enamel 2 in 1	L160-M200
C4-L, M, H	2K	Primer	G-3733	L160-M200-H240
		Finish	E-4310	





CONSTRUCTION

METAL
CONSTRUCTION

AIRPORTS

SPORT FACILITIES

TREATMENT PLANTS



METAL CONSTRUCTION

The corrosion protection of metal structures in the construction field with its consequences, not only preserves the investment over time, but it also guarantees the safety and long-term efficiency of the building in its everyday use.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C3-L, M	1K	Primer	PF-07	L120-M160
		Finish	IFD/Ultra Gloss Enamel	
C4-L, M, H	1K	Primer	PF-09PRO	L160-M200-H240
		Finish	IFD/Ultra Gloss Enamel	
C3-L, M	2K	Primer	UR - 01	L120-M160
		Finish	UR - 11	
C4-L, M, H	2K	Primer	G-3733	L160-M200-H240
		Finish	E-4310	
C3-L, M (Non Fe)	1K	Primer	Universal Primer for metal surfaces	L120-M160
		Finish	IFD/Ultra Gloss Enamel	

TREATMENT PLANTS

Chemical resistance of the coating is extremely important for tanks and facilities exposed to contact with waste water. Orgachim`s special coatings guarantee the long-term resistance and protection of metal and concrete surfaces.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
Coating for concrete	1K	Finish	AK-13HD	
C4 – L M H Exterior	2K	Primer	G-3733	L160-M200-H240
		Finish	E-4310	
C5I – L M H Interior	2K	Primer	G-3733	L200-M240-H320
		Finish	E-3100	





ENERGY SECTOR

POWER TRANSMISSION NETWORK

- POWER PLANTS
 - NUCLEAR POWER PLANTS
 - WATER POWER PLANTS
- THERMOELECTRIC POWER PLANTS

TURBINES



POWER TRANSMISSION NETWORK

Corrosion protection of power transmission columns and facilities is of major importance for their safety and long-term operation. The protective coatings developed by Orgachim are suitable for new and maintenance of already functioning elements of the power transmission network.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C4-L Certified by Bulgarian national electric company	1K	Primer	PF-07	L160
		Primer	Alkyd Primer with Miox	
		Finish	IFD	
C3-L	1K	Finish	Enamel 3in1	L120
C3-L, M, H	2K	Primer	G-3733	L120-M160-H200
		Finish	E-4310	



POWER PLANTS

Anticorrosive and mechanical protection of power plant facilities is of critical importance for their safe and long-term operation. The protective coatings offered by Orgachim are used in the construction and maintenance of facilities in the nuclear, heating and hydro power plants.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C3-L, M	1K	Primer	PF-07	L120-M160
		Finish	IFD/Ultra Gloss Enamel	
C4-L, M, H	1K	Primer	PF-09Pro	L160-M200-H240
		Finish	IFD/Ultra Gloss Enamel	
C4-L, M, H	2K	Primer	G - 3733	L160-M200-H240
		Finish	E - 4310	



CHEMICAL INDUSTRY

PRODUCTION OF
CHEMICAL
SUBSTANCES

REFINERIES

OIL TANKS

PIPELINES



Exposed in highly aggressive environments, chemical and petrochemical industries require enhanced and long-lasting protection against the corrosive effects of the environment in which they operate. Orgachim's protective coatings offer solutions for corrosion protection of steel and concrete surfaces exposed to chemical aggressive contamination, constant condensation and high temperatures.

SYSTEM REQUIREMENTS	SYSTEM TYPE	PRODUCT TYPE	PRODUCT	MINIMUM THICKNESS IN MICRONS - DRY FILM
C4 – L M indoors	2K	Primer	G-3100/G-3119AcZn	L160-M200
		Finish	E-3100	
C4 – L M H indoors	2K	Primer	G-3733	L160-M200-H240
		Finish	E-3100	
C4 – L M H outdoor	2K	Primer	G-3733/G-3119AcZn	L160-M200-H240
		Finish	E4310	
C5I – L M H	2K	Primer	G-3733	L200-M240-H320
		Finish	E-4310	



TRANSPORT VEHICLES

The special coatings for industrial vehicles meet the requirements for aggressive environment and high mechanical stress. Through the special systems of products developed for transport vehicles and equipment, we offer optimization of maintenance costs, durability of protection, variety of beautiful colours, environmentally friendly solutions.

SYSTEM TYPE	PRODUCT TYPE	PRODUCT
1K	Primer	PF-09 Pro
	Finish	IFD/Ultra Gloss Enamel
1K	Finish	Protecta 3in1
2K	Primer	UR-01
	Finish	UR-11
2K	Primer	G-3733
	Finish	E-4310



RAILWAY TRANSPORT

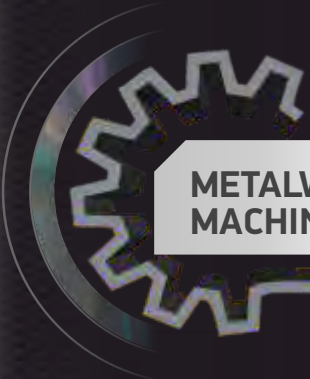
- WAGONS
- CHASSIS
- TANKS

AGRICULTURAL MACHINERY AND EQUIPMENT

CONSTRUCTION MACHINERY AND EQUIPMENT

VESSELS

MINING EQUIPMENT AND FACILITIES



**METALWORKING AND
MACHINE BUILDING**

**HEAVY DUTY
EQUIPMENT**

**HIGH-TECH MACHINE
BUILDING**

**HEAT RESISTANT
COATINGS**

**ELECTRICAL
INSULATING VARNISHES**



Metallic components used in machine building operate under aggressive environment and high mechanical stress. For the long-lasting and safe exploitation of the machines and equipment, Orgachim offers highly resistant coatings, which give excellent aesthetic appearance together with corrosion protection of the assets.

SYSTEM	SYSTEM TYPE	PRODUCT TYPE	PRODUCT
Coatings for industrial machinery	1K	Primer	WB industrial anticorrosive primer
		Finish	WB industrial enamel
	2K	Primer	UR-01
		Finish	UR-11
		Primer	G-L96
Baking coatings	1K WB	Finish	E-L96
Heat-resistant			HT-FD 480
Electrical insulating varnish			ORGAPOL TM-50





MILITARY INDUSTRY

MILITARY EQUIPMENT
AND FACILITIES

DEFENSE EQUIPMENT
AMMUNITION

The variety of industrial products offered for defense facilities and equipment are specially developed to meet the high requirements of the military industry. They have excellent light and atmospheric resistance, as well as resistance to abrasion and mechanical impact.

SYSTEM	SYSTEM TYPE	PRODUCT TYPE	PRODUCT
Machine Equipment housings Ammunitions	1K	Finish	Combined urea enamel
		Finish	Alkyd Protective enamel PF 14/1
	2K	Primer	UR-01
		Finish	UR-11
	2K	Primer	G-3733
		Finish	E-4310
Ammunitions			Lacquer SD 2013



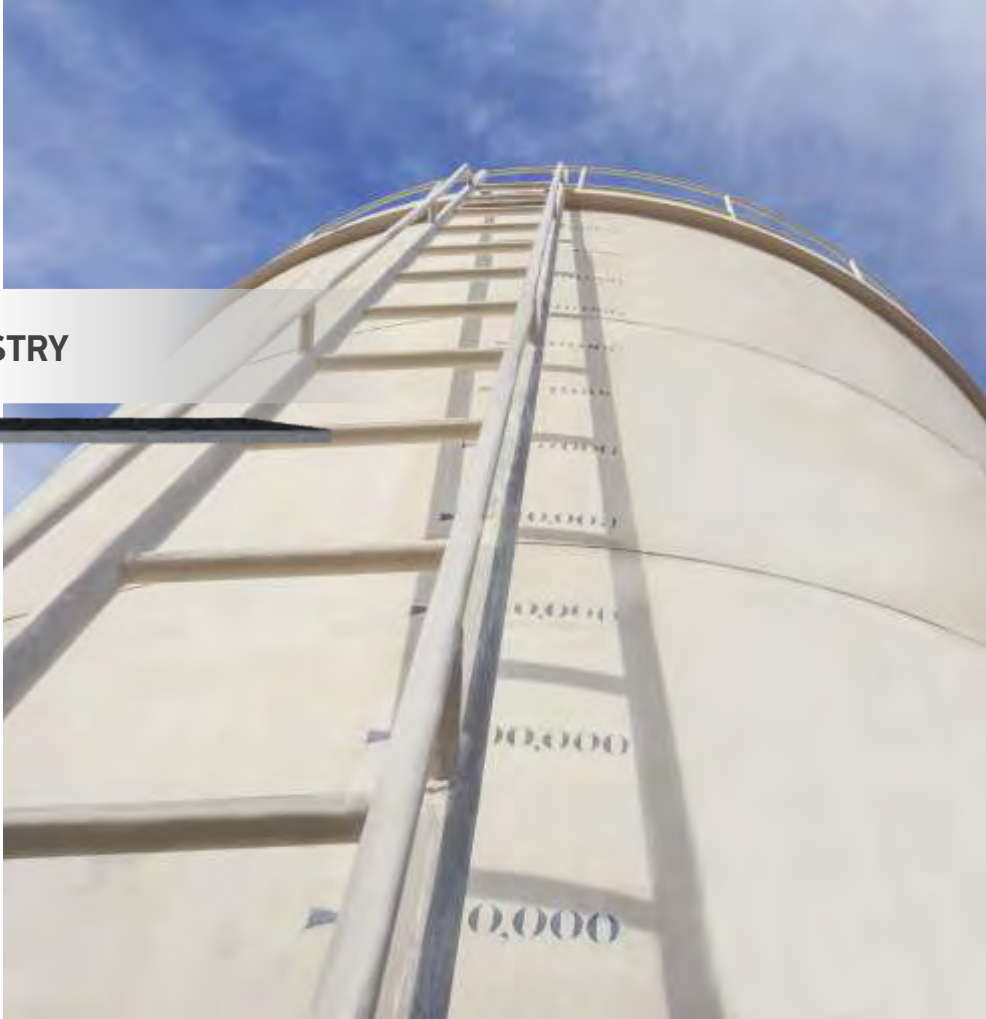


FOOD INDUSTRY

**DRINKING WATER
TANKS**

**SILOS AND STORAGE
FACILITIES FOR CEREALS**

**WAREHOUSE AND
PRODUCTION PREMISES**



Usage of Protective coatings in production facilities and surfaces that are in direct contact with food products and drinking water is of extreme importance for their safe and long-lasting operation. Orgachim's products are tailored to the high loads, resistance to strong corrosive environment and correspond to legal regulations.

SYSTEM	SYSTEM TYPE	PRODUCT TYPE	PRODUCT
Certified for food contact	2K	Primer/Paint	V-3100
		Finish	E-3100





EXTERNAL COATINGS FOR METAL PACKAGING /CAN COATINGS/

PACKAGES AND CAPS FROM ALUMINUM AND TINPLATE

ALUMINUM PACKAGES AND CAPS FORMED BY “DEEP DRAWING” TECHNOLOGY

Orgachim external coatings for metal packaging have excellent mechanical properties and are intended for use in the production of metal and aluminum cans, aerosols and caps. The company’s specialists work closely with packaging manufacturers, providing them with innovative, quality and adaptive solutions in accordance to the requirements and needs of every sector in the industry.

SYSTEM	SYSTEM TYPE	PRODUCT TYPE	PRODUCT
Tinplates and aluminium surfaces	1K	Base	6400 2x1 White @ RAL colors White base coat 6377 BL White base coat 6388-GT Jet Black Base coat 6377-BL
		Finish	Clear varnish 2016 Clear varnish 2017-290 Clear varnish 2017-V3







1K ONE COMPONENT PRIMERS

PRODUCTS





ALKYD PRIMER FOR FERROUS METALS:

Used for new priming or repair of old steel surfaces. Priming of surfaces in an environment with low level of pollution and humidity, environment category C1, C2.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Adhesive	   	0,900kg; 25kg	Grey Oxide red Black





ALKYD PRIMER PF 02:

Used for new priming or repair of old steel surfaces. Priming of surfaces in an environment with low and medium levels of pollution and humidity, environment category C2.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Adhesive, Anticorrosive	   	0,900kg; 25kg	Grey Oxide red Black and white





ALKYD PRIMER PF 07:

Used for new priming or repair of old steel surfaces. Priming of surfaces in an environment with medium level of pollution and medium to high level of humidity, environment category C3,C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Anticorrosive Fast drying Adhesive	   	0,900kg; 25kg	Grey Oxide red Black and white


ALKYD PRIMER PF 09 PRO:

Thixotropic, anticorrosive primer for thick coating up to 200 microns wet film in one hand. Suitable for use in an environment with medium pollution and humidity, low salt content, environment category C3,C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Adhesive, Anticorrosive Thixotropic Fast drying	   	25kg	Grey Oxide red Black

INDUSTRIAL WATER BASED ANTICORROSION PRIMER:

Developed for corrosion protection of ferrous metals` surfaces. Suitable for use from low to medium pollution industrial environment and humidity.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Anticorrosive Fast drying		15l	Grey Oxide red





1K

ONE COMPONENT
PRIMERS

PRODUCTS


UNIVERSAL PRIMER FOR METAL SURFACE:

Anticorrosive primer used for priming of cold galvanized and ferrous metal surface. Suitable for use in an environment with low and medium levels of pollution and air humidity, environment category C3.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Cold galvanized surfaces Steel	Adhesive, Anticorrosive Fast drying	   	0,900kg; 25kg	Light grey




PRIMER FOR TEMPORARY PROTECTION:

Used for anticorrosion protection of parts that will be mechanically processed. The product allows the next process to continue with electric welding and over-coating.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Fast drying		25kg	Grey





PROTECTIVE PRIMER WITH MIOX:

Used as an intermediate primer in a triple layer system for long-term corrosion protection of ferrous metals.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Intermediate primer with MIOX	  	25kg	Grey with effect

PRIMER WITH HIGH CONTENT OF ZINC:

Primer or a separate coating for anticorrosion protection. Contains over 93% zinc at dry film.




SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Galvanized surfaces Steel	Anticorrosive Resistant to big temperature changes could be applied at high air humidity	   	0,800kg; 3kg	Grey

2K TWO-COMPONENT PRIMERS

PRODUCTS




POLYURETHANE PRIMER UR-01:

2K polyurethane primer, used for new and maintenance of old metal structures. Suitable for use in C3, C4 environment category.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Excellent weather resistance Mixing ratio: 8:1 by weight	  	25kg; 3kg	Grey Oxide red black



POLYURETHANE PRIMER UR-01-1:

2K anticorrosive polyurethane primer for new and maintenance of old metal structures. Suitable for use in C4 environment category.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Anticorrosive High weather resistance Mixing ratio: 8:1 by weight	  	25kg; 3kg	Grey Oxide red Black



EPOXY PRIMER G-3100:

2K anticorrosive primer, suitable for application in aggressive environment with high level of pollution, humidity, salt content, environment category C4 and C5.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Anticorrosive Mixing ratio: 8:1	 	16kg	Grey Oxide red

EPOXY PRIMER G-3733:

2K anticorrosive primer developed for application in aggressive environments with high levels of pollution, humidity and salt content, environment category C4 and C5.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel Hot and cold galvanized	Anticorrosive Thixotropic Mixing ratio: 6:1 by weight	 	18kg	Grey Oxide red


2K

TWO-COMPONENT
PRIMERS

PRODUCTS


PROTECTIVE EPOXY PRIMER WITH MIOX:

2K anticorrosive primer used in systems as intermediate coating. Suitable for aggressive environments with high pollution, high humidity and salt content, environment category C4 and C5.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Anticorrosive Mixing ratio: 6:1 by weight		25kg	Grey


EPOXY PRIMER G3119ACZN:

2K anticorrosive primer with zinc content of 80%. Suitable to be applied in aggressive environment with high level of pollution, high humidity and salt content, environment category C4 and C5.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel Hot and cold galvanized	Anticorrosive Mixing ratio: 8:1 by weight		25kg	Grey

PHOSPHATING PRIMER:

2K phosphating primer, providing perfect adhesion to primers and finishing coatings.





SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel Gold galvanized Aluminum	Adhesive Fast drying Mixing ratio: ferrous metals 4:1 aluminum 10:1		18l	Yellow

1K FINISH COATINGS

PRODUCTS


ALKYD PAINT E 5071:

Decorative finish coating suitable for protection of metal surfaces pre-primed and exposed in low pollution and humidity areas, environment category C1-C3.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Easy to apply Semi gloss	   	20kg	RAL





SILVER FERROLITE:

Decorative finish coating, designed for application in areas with mid-range pollution and humidity, environment category C2, C3 – L, M.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Coating with effect Good light resistance		18kg	silver





INDUSTRIAL FAST DRYING ENAMEL:

1K Decorative finish coating. Suitable for application in environment category C3, C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Fast drying Excellent weather and UV resistance High and long lasting gloss	   	18l; 20l	RAL





ENAMEL ULTRA GLOSS:

1K Decorative finish coating, suitable for use in areas with high-pollution and high humidity, environment category C3, C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Excellent weather and UV resistance High and long lasting gloss	   	18l; 20l	RAL





ENAMEL :

1K Decorative finish coating, suitable for systems in environment category C2, C3.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High and long lasting gloss Good hiding properties	   	20kg; 22kg	RAL


ENAMEL FOR NON-FERROUS METALS:

1K Decorative finish coating, suitable for environment category C2, C3.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Cold galvanized	Good adhesion Good weather resistance	   	22kg; 25kg	RAL





WATER BASED INDUSTRIAL ENAMEL:

1K finish product, suitable for environment category C3, C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Fast drying Long lasting gloss and good elasticity		15l	RAL

ENAMEL 3in1:

1K finish coating, a rust, primer and finishing coat /all in one/ for direct application to metal.



SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Direct on rust application Good anticorrosive protection	   	20kg	RAL

2K FINISH COATINGS

PRODUCTS



POLYURETHANE ENAMEL UR-11:

2K finish coating, suitable for environment category C3,C4.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High weather and UV resistance High and resistant gloss ability Mixing ratio: 3:1	 	20kg	RAL



ACRYLIC-URETHANE ENAMEL E4310:

2K finish coating, suitable for environment category C4,C5.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High weather and UV resistance Excellent chemical resistance High and resistant gloss ability High hardness Mixing ratio: 5:1	 	15kg	RAL

EPOXY ENAMEL E-3100:

2K finish product, suitable for environment category C4 and C5.


SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High chemical resistance Excellent weather resistance Excellent hardness Mixing ratio 4:1	 	16kg	RAL

SPECIALIZED
COATINGS

PRODUCTS


COMBINED CARBAMIDE ENAMEL:

1K coating for transport vehicles with special purpose.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Wood Steel	High hardness Resistance to washing with water and detergents Baking at 140°C / 30 minutes		22kg	By sample


ENAMEL WITH EFFECT “SHAGREN”:

1K coating for machines and equipment, specialized in machine building.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High hardness Excellent resistance to temperature changes Baking at 130°C/30 minutes		22kg; 25kg	RAL



HT - FD 480 :

1K Thermo-resistant coating used in the production of household appliances.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	Resistant to high temperature - 480°C		25kg	Black Graphite

LACQUER SD – 2013:

1K finish coating developed for special purpose equipment.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Steel	High wear resistance Good weather resistance	 	20l	Yellow - transparent

ORGAPOL TM-50:





1K Polyurethane terephthalic resin for impregnation of windings, electrical equipment.

PROPERTIES	APPLICATION	PACKAGE
Heat class F (155°C)		20kg





HORIZONTAL ROAD MARKING

PRODUCTS





SPECIALIZED PRIMER FOR HORIZONTAL ROAD MARKING:
Impregnation-strengthening primer for old asphalt substrates.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Old asphalt	Impregnates and strengthens Improves adhesion to all types of road marking paint Isolates the substrate from the impact of water and humidity	   	18kg	Colourless





1K ACRYLIC PAINT FOR HORIZONTAL ROAD MARKING “NORMAL”:
Suitable for marking of roads from the national road network with a traffic load of up to 4,000 passes per day. Certified by Bulgarcontrola, Bulgaria.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	Excellent performance Good elasticity	   	25kg	White Yellow

1K ACRYLIC PAINT FOR HORIZONTAL ROAD MARKING “CITY”:
Marking of the busiest road sections of the Urban and Republican Road Network. Certified by AETEC – Spain, BAST- Germany and Bulgarcontrola, Bulgaria.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	Fast drying Excellent performance High coefficient of adhesion	   	25kg	White Yellow

ALKYD-CHLORINE PAINT FOR HORIZONTAL ROAD MARKING “TRAFFIC”:
Marking of Urban Road Network, parking, playgrounds, sport playgrounds. Certified by AETEC – Spain, BAST- Germany and Bulgarcontrola, Bulgaria.


SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	High wear resistance High coefficient of adhesion Good elasticity	   	25kg	White Yellow

HORIZONTAL ROAD MARKING

PRODUCTS


2K COLD PLASTIC FOR HORIZONTAL ROAD MARKING 98:2:

To mark pedestrian zones in urban environments, stop-lines, arrows and other wide-area markings. Thickness of dry film 2-4 mm.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	Fast drying Excellent wear resistance Resistance to oil products and water		Comp. A - 18kg Comp. B - 0,360kg	White Yellow


2K COLD SPRAY PLASTIC FOR HORIZONTAL ROAD MARKING 98:2

To mark highways, sections of the urban road network with heavy loads. Dry film thickness 0.6-1.2 mm. Certified by Bulgarcontrola, Bulgaria.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	Fast drying High coefficient of adhesion Excellent wear resistance		Comp. A - 30kg Comp. B - 0,600kg	White Yellow

2K COLD SPRAY PLASTIC FOR HORIZONTAL ROAD MARKING 1:1:

To mark highways, pedestrian zones from urban road network with high traffic.

SURFACE	PROPERTIES	APPLICATION	PACKAGE	COLOURS
Asphalt	Fast drying Excellent wear resistance		Component A – 25kg Component B – 25kg Component C – 1kg	White Yellow

LIGHT REFLECTING GLASS BEADS:

Applied parallel to the road marking paint, they provide a significant improvement in the visibility of road marking at night, at rainy and high humidity conditions.

SURFACE	PROPERTIES	APPLICATION	PACKAGE
Applied together with the road marking paint	Size 150-850 microns Suitable to be applied with all types of road marking paint	Specialized equipment	25kg






HARDENERS AND THINNERS
















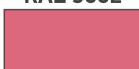

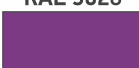

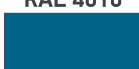







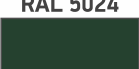


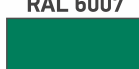

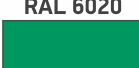













PRODUCTS

HARDENERS	DESCRIPTION
UR-50	Hardener for polyurethane systems
I 3538	Hardener for Acrylic-urethane finish E4310
I3733	Hardener for epoxy primer G 3733
I 3100	Hardener for epoxy primer and enamel
I 3309	Hardener for epoxy primer

THINNER	DESCRIPTION
Thinner UR	Dilution of Alkyd and Alkyd-Urethane systems
Thinner AMB	Dilution of alkyd based coatings
Thinner Industrial	Dilution of alkyd based coatings
Thinner for zinc rich coatings	Dilution of alkyd and zinc rich products
Koreselin	Dilution of nitrocellulose products
Thinner BAT (summer and winter)	Dilution of Acrylic paints for RM /road marking
Thinner SD 2013	Dilution of lacquer SD 2013
Thinner D 309 new	Dilution of coatings based on epoxy resins
Thinner D 4300	Dilution of Polyurethane and Acrylic-Urethane coatings

USED ICONS:

	brush		spray gun		immersion
	roller		airless spray gun		

								
RAL 1000	RAL 1001	RAL 1002	RAL 1003	RAL 1004	RAL 1005	RAL 1006	RAL 1007	RAL 1011
								
RAL 1012	RAL 1013	RAL 1014	RAL 1015	RAL 1016	RAL 1017	RAL 1018	RAL 1019	RAL 1020
								
RAL 1021	RAL 1023	RAL 1024	RAL 1027	RAL 1028	RAL 1032	RAL 1033	RAL 1034	RAL 1037
								
RAL 2000	RAL 2001	RAL 2002	RAL 2003	RAL 2004	RAL 2008	RAL 2009	RAL 2010	RAL 2011
								
RAL 2012	RAL 3000	RAL 3001	RAL 3002	RAL 3003	RAL 3004	RAL 3005	RAL 3007	RAL 3009
								
RAL 3011	RAL 3012	RAL 3013	RAL 3014	RAL 3015	RAL 3016	RAL 3017	RAL 3018	RAL 3020
								
RAL 3022	RAL 3027	RAL 3028	RAL 3031	RAL 4001	RAL 4002	RAL 4003	RAL 4004	RAL 4005
								
RAL 4006	RAL 4007	RAL 4008	RAL 4009	RAL 4010	RAL 5000	RAL 5001	RAL 5002	RAL 5003
								
RAL 5004	RAL 5005	RAL 5007	RAL 5008	RAL 5009	RAL 5010	RAL 5011	RAL 5012	RAL 5013
								
RAL 5014	RAL 5015	RAL 5017	RAL 5018	RAL 5019	RAL 5020	RAL 5021	RAL 5022	RAL 5023
								
RAL 5024	RAL 6000	RAL 6001	RAL 6002	RAL 6004	RAL 6005	RAL 6006	RAL 6007	RAL 6008
								
RAL 6009	RAL 6010	RAL 6011	RAL 6012	RAL 6013	RAL 6014	RAL 6015	RAL 6016	RAL 6017
								
RAL 6018	RAL 6019	RAL 6020	RAL 6021	RAL 6022	RAL 6024	RAL 6025	RAL 6026	RAL 6027
								
RAL 6028	RAL 6029	RAL 6032	RAL 6033	RAL 6034	RAL 6037	RAL 7000	RAL 7001	RAL 7002
								
RAL 7003	RAL 7004	RAL 7005	RAL 7006	RAL 7008	RAL 7009	RAL 7010	RAL 7011	RAL 7012
								
RAL 7015	RAL 7016	RAL 7021	RAL 7022	RAL 7023	RAL 7024	RAL 7026	RAL 7030	RAL 7031
								
RAL 7032	RAL 7033	RAL 7034	RAL 7035	RAL 7036	RAL 7037	RAL 7038	RAL 7039	RAL 7040
								
RAL 7042	RAL 7043	RAL 7044	RAL 7045	RAL 7046	RAL 7047	RAL 8000	RAL 8001	RAL 8002
								
RAL 8003	RAL 8004	RAL 8007	RAL 8008	RAL 8011	RAL 8012	RAL 8014	RAL 8015	RAL 8016
								
RAL 8017	RAL 8019	RAL 8022	RAL 8023	RAL 8024	RAL 8025	RAL 8028	RAL 9001	RAL 9002
								
RAL 9003	RAL 9004	RAL 9005	RAL 9010	RAL 9011	RAL 9016	RAL 9017	RAL 9018	RAL 9002

*The colors shown above are examples. We recommend using a K7 cartel to select the real colors.