



OVERVIEW
OF INDUSTRIAL PAINTS



Top protective coatings

OVERVIEW OF INDUSTRIAL PAINTS

BARVY A LAKY TELURIA, s.r.o. is an important Czech manufacturer of paints with more than 120 years of tradition. Thanks to long-term experience in developing and manufacturing industrial coating systems, we offer a wide range of products designed to protect all materials. Our paints protect not only steel constructions, containers, bridges, steel buildings or tanks, but also agricultural and industrial machines, concrete floors of garages, chemical or power plants.

The greatest advantage of the company is its own research and development centre where industrial coatings, bases and colour pastes for the tinting system HOSTEMIX are invented and created. All coatings are tested in spray booths that are a part of the manufacture site. Fully professional testing is carried out in cooperation with DENAS COLOR a.s. that has brand new facility for wet painting.

Own manufacture of all company products is realised in one of the most modern plants in the Czech Republic. All processes are certified and meet the standards of environmental and quality management in accordance with ISO 14001:2004 and 9001:2008. Top quality, favourable price, speed of supply, strong support of the technical service, as well as the capability to develop a „tailor-made” coating system according to the requirements and needs of particular customer are the main basic factors thanks to which we gain trust of more and more customers not only in the Czech Republic, but throughout Europe.

PICTOGRAMS OVERVIEW - APPLICATION



IT CONTAINS
IRON MICA



FOOD
CERTIFICATE



AIR
SPRAYING



AIRLESS
SPRAYING



TOOTH
SPATULA



BRUSH



ROLLER

COLOUR SHADES

0100 WHITE
0106 LIGHT GREY

0110 GREY
0199 BLACK

0660 LIGHT OCHRE
0840 RUSSET

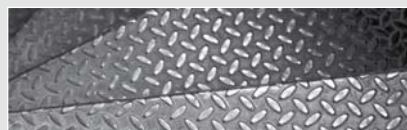
9110, 0911 SILVER

SURFACE - APPLICATION

METAL (STEEL, GALVANIZED IRON, CAST IRON)



LIGHT METAL



CONCRETE



hostemix

One of the key pillars of BARVY A LAKY TELURIA, s.r.o. tinting systems is HOSTEMIX - the system designed for industrial use. It is so-called single-base system, that is characterized by the universal base for all shades. The colorant system consists of 15 universal pigmented pastes. Shades are made according to colour charts: RAL, ČSN, NCS and others as a service to the customer's needs. Product properties can be also customized for example: viscosity, gloss degree, drying time etc. Thanks to the professional system, your projects will always achieve desired top results.

MOST COMMON TYPES OF SOLVENT PAINTS

PAINTS ARE DIVIDED ACCORDING TO THE TYPE OF BINDER AND BY THE DRYING METHOD.

ALKYD AND ALKYDURETHANE PAINTS

DRY ON AIR BY OXYPOLYMERATION, A REACTION BETWEEN BINDER AND AIR OXYGEN

- GOOD UV RESISTANCE • HIGH GLOSS • GOOD QUALITY • LOW PRICE

EPOXY PAINTS

TWO-COMPONENT CHEMICALLY HARDENED PAINT, A REACTION BETWEEN BINDER AND HARDENER

- CHEMICAL RESISTANCE • WATER AND HUMIDITY RESISTANCE • HIGHER TEMPERATURE RESISTANCE • HIGH HARDNESS • POSSIBLE USE IN FOOD INDUSTRY • POSSIBLE USE AT LOWER TEMPERATURE WITH SPECIAL HARDENER

POLYURETHANE PAINTS

TWO-COMPONENT CHEMICALLY HARDENED PAINT, A REACTION BETWEEN BINDER AND HARDENER

- HIGH ABRASION RESISTANCE • CHEMICAL RESISTANCE • UV RESISTANCE • NON-YELLOWING COATINGS • HIGH GLOSS

ACRYLATE PAINTS

DRY BY EVAPORATION OF THE SOLVENT

- POSSIBLE USE AT LOWER TEMPERATURE

ALKYD SILICONE PAINTS
















SPECIAL BAKING PAINTS, THE FILM IS CURED BY HIGH TEMPERATURE

- HIGH HEAT RESISTANCE



ALKYD AND ALKYDURETHANE PAINTS

OVERVIEW OF INDUSTRIAL PAINTS

PRODUCT	Description	Application	Application surface	Colour shades	Appearance	VOC (kg/kg)	Dry to touch (+20°C)	Content of nonvolatile compound in volume %	Spreading rate m ² /1 kg *	WFT (µm)	DFT (µm)
TELKYD P 100	Anticorrosive primer		steel	0100, 0110, 0840	matt	0,25 - 0,29	10 min.	53 %	8,5 - 9,5	75	40
TELKYD P 110	Anticorrosive primer for airless spraying		steel	0106, 0110, 0840, 0199, RAL, NCS, ČSN 	matt	0,25 - 0,29	10 min.	53 %	5,5 - 6,5	115	60
									4 - 5	150	80
TELKYD S 200	Anticorrosive semi-gloss single coat		steel	RAL, NCS, ČSN 	semi-gloss	0,30 - 0,35	1 h	50 %	5 - 6 3 - 4	160 240	80 120
TELKYD S 200 BS	Anticorrosive single coat blacksmith		steel, galvanized iron	BALT 	matt	0,22	1,5 h	50 %	5 - 6	100	50
									2,5 - 3	200	100
TELKYD S 200 E	Anticorrosive semi-matt single coat		steel	RAL, NCS, ČSN 	semi-matt	0,3 - 0,34	1 h	50 %	3,5 - 4,5	160	80
									2,5 - 3	240	120
TELKYD S 200 TM	Anticorrosive single coat		steel	RAL, NCS, ČSN 	semi-matt	0,32 - 0,38	20 min.	50 %	5 - 6	160	80
									3 - 4	240	120
TELKYD S 201	Anticorrosive glossy single coat		steel	RAL, NCS, ČSN 	gloss	0,3 - 0,35	1 h	50 %	8,5 - 9	80	40
									4,2 - 5	160	80
TELKYD S 220 POLYVINYL	Anticorrosive polyvinyl single coat		steel, galvanized iron	RAL, NCS, ČSN 	matt	0,35 - 0,4	20 min.	40 %	5 - 6	150	60
									3,5 - 4	200	80

NOTES

* The paint consumption depends on the application method, surface shape and roughness.



ALKYD AND ALKYDURETHANE PAINTS

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PRODUCT	Description	Application	Application surface	Colour shades	Appearance	VOC (kg/kg)	Dry to touch (+20°C)	Content of nonvolatile compound in volume %	Spreading rate m ² /1 kg *	WFT (µm)	DFT (µm)	
TELKYD T 300 Gloss	Syntetic enamel		steel	RAL, NCS, ČSN		gloss	0,35 - 0,43	45 min.	46 %	10 - 11	90	40
										7 - 8	130	60
TELKYD T 300 Semi-gloss	Syntetic enamel		steel	RAL, NCS, ČSN		semi-gloss	0,30 - 0,35	45 min.	45 %	9 - 10	80	40
TELKYD T 300 Matt	Syntetic enamel		steel	RAL, NCS, ČSN		matt	0,30 - 0,35	45 min.	50 %	8 - 9	80	40
TELKYD T 300 E	Urethanized enamel		steel	RAL, NCS, ČSN		gloss	0,31 - 0,35	2 h	50 %	9 - 10	80	40
TELKYD T 370	Special heat-resistant enamel		steel	0199, 0840, 9110		matt	0,32 - 0,45	3 h	36 % (9110)	8,5 - 9,5	110	40
									48 % (0199,0840)	9 - 10	85	40
TELKYD F 200	Single coat industrial for mineral surfaces		concrete	RAL, NCS, ČSN		matt	0,35 - 0,39	20 min.	44 %	2,6 - 2,8	270	120

** intended for high temperature.













NOTES

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TWO-COMPONENT EPOXY PAINTS

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PRODUCT	Description	Application	Application surface	Colour shades	Appearance	VOC (kg/kg)	Dry to touch (+20°C)	Content of nonvolatile compound in volume %	Spreading rate m ² /1 kg *	WFT (µm)	DFT (µm)
TELPOX P 100	Two-component epoxy anticorrosive primer		steel, galvanized iron	0100, 0110, 0840, RAL, NCS, ČSN 	matt	0,26 - 0,30	1 h	51 %	3,5 - 4	200	100
TELPOX P 170	Two-component epoxy anticorrosive primer high-built		steel, light metals	0106, 0111, 0840 RAL, NCS, ČSN 	semi-matt	0,16	1,5 h	72 %	5	140	100
TELPOX PM 150	Two-component epoxy anticorrosive primer high-solid		steel, light metals, galvanized iron	0110, RAL, NCS, ČSN 	semi-matt	0,13	5 h	78 %	5 - 6	130	100
TELPOX S 200	Two-component epoxy anticorrosive semi-matt single coat		steel, concrete	RAL, NCS, ČSN 	semi-matt	0,32 - 0,37	1,5 h	55 %	3,5 - 4	220	120
									2,5 - 3	290	160
TELPOX T 300	Two-component epoxy glossy enamel		steel, concrete	RAL, NCS, ČSN 	gloss	0,31 - 0,38	1 h	50 %	10 - 11	80	40
TELPOX F 200	Two-component epoxy single coat /spatula/ for mineral surfaces		concrete	RAL, NCS, ČSN 	gloss	0,04	6 h	96 %	3 - 4	200	200
									0,5 - 0,7	1000	1000
									0,2 - 0,3	3000	3000

NOTES

* The paint consumption depends on the application method, surface shape and roughness.



TWO-COMPONENT POLYURETHANE PAINTS

OVERVIEW OF INDUSTRIAL PAINTS

PRODUCT	Description	Application	Application surface	Colour shades	Appearance	VOC (kg/kg)	Dry to touch (+20°C)	Content of nonvolatile compound in volume %	Spreading rate m ² /1 kg *	WFT (µm)	DFT (µm)
TELPUR P 150	Two-component polyurethane anticorrosive primer		steel, light metals	0100, 0110, 0660	matt	0,35	15 min.	40 %	2,5 - 3	250	100
TELPUR S 200	Two-component polyurethane anticorrosive matt single coat		steel	RAL, NCS, ČSN	 matt	0,32 - 0,38	1 h	55 %	3 - 4	220	120
TELPUR S 210	Two-component polyurethane anticorrosive single coat		steel, galvanized iron, light metals	RAL, NCS, ČSN	 gloss, semi-gloss	0,34 - 0,4	30 min.	55 %	7,5 - 8,5 3,5 - 4,5	110 220	60 120
TELPUR S 210 BS	Two-component polyurethane anticorrosive single coat		steel	BALT	 matt	0,19 - 0,21	30 min.	50 %	3,3 2,5	160 240	80 120
TELPUR S 210 E	Two-component polyurethane anticorrosive single coat		steel	RAL, NCS, ČSN	 semi-matt	0,28 - 0,32	30 min.	52 %	6 - 7 3 - 3,5	120 230	60 120
TELPUR T 300	Two-component polyurethane enamel		steel	RAL, NCS, ČSN	 gloss, matt	0,32 - 0,38	3 h	56 %	7,5 - 8	105	60
TELPUR T 330 HS	Two-component polyurethane high-solid anticorrosive single coat		steel	RAL, NCS, ČSN	 semi-gloss	0,22 - 0,26	1,5 h	64 %	7,5 - 8,5 4 - 5	95 190	60 120
TELPUR T 340	Two-component polyurethane glossy enamel		steel	RAL, NCS, ČSN	 gloss	0,36 - 0,42	15 min.	48 %	10 - 11	85	40
TELPUR C 100	Two-component polyurethane transparent varnish		steel, galvanized iron	transparent	gloss, matt	0,49 - 0,56	2 h	45 % 40 %	9 - 10 9 - 10	100 120	50 50

NOTES

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