

TEKNOS KEY PRODUCTS

for General Industry & Heavy Duty



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PAINTS AND COATINGS FOR GENERAL INDUSTRY & HEAVY DUTY APPLICATIONS

Teknos offers a comprehensive product portfolio for General Industry and Heavy Duty applications. Our product portfolio includes environmentally friendly, performance oriented and economically

focused solutions that are engineered to meet our customers' needs and requirements. Due to our extensive product range, we can provide the correct paint systems for the most sophisticated objects, including steel, galvanized or aluminium surfaces.

An applicable surface treatment does not only protect and extend the service life of the painted object but it also enlivens and enhances the appearance of the object. Our TEKNOMIX and TEKNOTINT tinting systems offer almost limitless selection of different colours with very fast delivery time. The high and consistent quality of our products together with our tinting services ensure very fast lead-time for your production.

TEKNOS' GLOBAL-LOCAL SERVICE CONCEPT FOR OUR CUSTOMERS

According to our Global-Local strategy, we provide a high-level local customer service which ensures fast and accurate deliveries. In the chosen geographical areas, the service concept includes local tinting possibilities, technical support and R&D service in local language.

Outstanding technical service is an important part of our Global-Local service concept. We want to help our customers to utilize all the benefits that our technically advanced and cost effective products have to offer.

TEKNOS' KEY PRODUCT PORTFOLIO FOR GENERAL INDUSTRY AND HEAVY DUTY CONSISTS OF

- Standard paints in stock for fast deliveries
- Alongside traditional solvent-borne products, high solids, special linings, solvent-free and water-borne paints for different surfaces
- Excellent selection of direct-to-metal (DTM) products based on wide selection of binders

R&D IS IN THE HEART OF TEKNOS

INNOVATION

Innovations are the foundation of Teknos. Consistent quality of products and performance standards coupled with new, more demanding environmental regulations will continue to shorten product lifecycles, presenting us with new challenges. We continuously invest in research and development to ensure that we can meet these requirements.

For further information, please feel free to contact us!
www.teknos.com

TECHNICAL GUIDELINES HOW TO READ THIS BROCHURE

In this brochure you can find general information of our key products and their properties. More detailed information about the use of these products are described in the individual product data sheets and in the recommended paint system sheets, available on our website.

OUR CUSTOMER PROMISES

Technically superior surfaces

Unique technical service

Reliable supply

Consistent quality

Local presence

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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		
KORRO AQUA 2741 Prefabrication primer A one-component prefabrication primer based on acrylate dispersion. Used as a temporary protection on blast-cleaned steel. Compatible with water-borne acrylate, epoxy and polyurethane paints, solvent-borne epoxy and polyurethane paints, and xylene-dilutable alkyd paints.	○	●	○	Oxide red	Matt			•	•		Water		5 min	3 h	-	37	35	
KORRO PVB Prefabrication Primer A one-component prefabrication primer based on polyvinyl butyral. The paint is used as temporary protection on blast-cleaned steel and aluminium. Compatible with alkyd, acrylate, chlorinated rubber and vinyl paints.	○	●	○	Red, Light grey	Semi-matt			•	•	•	9514		10 min	2 h	-	20	670	
KORRO E Prefabrication Primer A two-component prefabrication primer based on epoxy resin. The paint is used as a temporary protection on blast-cleaned steel. Good resistance to heat, solvent and oils. Compatible with all types of paints excluding zinc rich paints. Approvals for welding by DNV-GL, Lloyd's Register of Shipping and Russian Maritime Register of Shipping.	●	●	○	RAL 3009, Grey	Matt	KORRO E HARDENER	2:1	•	•		9514	48 h	3 min	10 h	-	33	620	
KORRO SS Prefabrication Primer (Zinc Dust Paste) A two-component prefabrication primer based on ethyl silicate and zinc dust. Good resistance to abrasion, heat, oils and solvents. Allows considerably better welding and flame-cutting than common zinc rich prefabrication primers.	●	●		Red, Grey	Matt	KORRO SS Silicate part	1:1	•	•		9514, 6060	24 h	6 min	24 h	-	30	550	

● = Recommended use ○ = Suitable

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	HD	GI	ACE						Fe	Zn	Al				min	max		

Acrylic Paints

PRIMERS

TEKNOCRYL AQUA PRIMER 3-00 Acrylate Primer A fast drying, water-borne universal primer that contains active anti-corrosive pigments.	●	○		RAL 7035	Matt				•	•	•	Water	20 min	3 h	-	41	40
TEKNOCRYL PRIMER 3 Acrylic Primer A thixotropic anticorrosive primer based on acrylic resin. Does not contain halogenated hydrocarbons.	●	○		Grey, Red	Matt				•	•	•	1639, 9502	1 h	3 h	-	43	500

TOP COATS

TEKNOCRYL AQUA 2731-800 Air-drying Top Coat An air-drying, water borne topcoat for primed surfaces.	○	●	○	Teknocolour	Gloss							Water	1 h	4 h	-	30	22
TEKNOCRYL 100-500 Acrylic Top Coat An acrylic modified top coat suitable for prepared epoxy coat, vinyl coat, acrylic coat and fire resistance paint system.	○	●		Teknotint, Teknomix	Semi-gloss							1640, 1639, 779	3 h	4 h	-	45	490

COMBI

TEKNOCRYL AQUA COMBI 2780-82 Water-borne Single Coat Paint An air-drying, water-borne primer and single coat paint based on acrylate dispersion and alkyd. Contains active anticorrosive pigments.	○	●	○	Teknocolour	Semi-matt				•	•	•	•	Water	45 min	3 h	-	41	44
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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		
Alkyd Paints																		
PRIMERS																		
TEKNOLAC PRIMER 0168-00 Alkyd Primer A quick drying alkyd primer with active anticorrosive pigments.	●	●	○	Grey, Reddish brown, Yellow, White, Black	Matt							9502, 1639	20 min	40 min	-	48	470	
TEKNOSYNT PRIMER 3 Alkyd Primer A thixotropic, quick-drying paint that is thinned with white spirit and contains active anticorrosive pigments.	●	●	○	Grey, Red	Semi-matt							9507, 1621	2 h	3 h	-	45	480	
TOP COATS																		
TEKNOLAC 0191 Alkyd Top Coat The paint dries quickly and has very good weathering properties. Gives very good protection against corrosion in systems together with e.g. TEKNOLAC PRIMER 168.	●	●	○	Teknotint, Teknomix	Gloss							1639, 1640	60 min	before 4 h	after 4 d	46	500	
TEKNOSYNT 90 Alkyd Top Coat Weather resistant, quick drying, special alkyd paint that can be diluted with white spirit.	●	●	○	Teknotint, Teknomix	Full gloss							9507, 1621	3 h	10 h	-	45	480	
COMBI																		
TEKNOSYNT COMBI 50 Alkyd Paint A quick drying thixotropic aromatic-free urethane/alkyd based top coat and direct-to-metal paint. Pigmented with anticorrosive pigments.	○	●	○	Teknomix	Semi-matt				•	•		9507, 1621	3 h	6 h	-	50	400	
TEKNOLAC COMBI 50 Alkyd Paint A very quick drying anticorrosive pigmented top coat. Can also be used direct to metal in mild environmental stress classes.	○	●	○	Teknotint, Teknomix	Semi-gloss				•	•	•	9502, 1639	60 min	1 h	-	45	520	

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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		
TEKNOPOX AQUA PRIMER 3 Epoxy Primer A water-borne two-component epoxy primer for metal surfaces. The paint contains effective anticorrosive pigments and has good adhesion to several surface type.	○	●	○	Grey, Red	Semi-matt	TEKNOPOX AQUA HARDENER 0300	1:1		•	•	•	Water	1,5 h		4 h	6 months	45	40
TEKNOPLAST PRIMER 3 Epoxy Primer A two-component solvent-borne epoxy primer. Withstands heavy abrasion, oils, grease, solvents and chemicals. Has good adhesion to several surface type.	●	●	●	Grey, Red, White, Yellow	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	4 h	4 h	2 h	18 months	53	440
TEKNOPLAST PRIMER 5 Epoxy Primer A two-component solvent-borne epoxy primer. Withstands heavy abrasion, oils, grease, solvents and chemicals.	●	●	●	Grey, Red, White	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	4 h	4 h	2 h	6 months	53	440
TEKNOPLAST PRIMER 7 Epoxy Primer A two-component solvent-borne epoxy primer with low solvent content. High solids content, quickly overcoatable, withstands heavy abrasion, oils, grease, solvents and chemicals.	●	●	○	Grey, Red, White	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	3 h	4 h	4 h	12 months	70	300
TEKNOPLAST PRIMER 7 MIOX Epoxy Primer A two-component solvent-borne miox pigmented epoxy primer with low solvent content. High solids content, quickly overcoatable, withstands heavy abrasion, oils, grease, solvents and chemicals.	●	●	●	Grey, RAL 7002	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	3 h	4 h	4 h	5 months	70	300
TEKNOPLAST PRIMER 7-01 Epoxy Primer A two-component solvent-borne epoxy primer with low solvent content. Quickly overcotable and therefore suited to a fast painting tempo. The paint film withstands heavy abrasion, oils, grease, solvents and chemical.	○	●	●	Light grey, Light yellow, red	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	3 h	4 h	1 h	6 months	66	320
TEKNOPLAST PRIMER 7-02 Epoxy Primer A two-component solvent-borne epoxy primer with low solvent content. Quickly overcotable and therefore suited to a fast painting tempo. Provides smooth and levelling surfaces in low film thicknesses. The paint film withstands heavy abrasion, oils, grease, solvents and chemical.	○	●	●	Grey	Semi-matt	TEKNOPLAST HARDENER	4:1		•	•	•	9506	3 h	4 h	2 h	6 months	66	320
TEKNOPOX PRIMER 9-00 Epoxy Primer A two-component solvent-borne epoxy primer with low solvent content. Provides a smooth and levelling surface under the polyurethane paints. Quickly overcotable and therefore suited to a fast painting tempo.	○	●	●	Light Grey, White, Buff	Semi-matt	TEKNOPOX HARDENER 7219	7:1		•	•	•	9506	4 h	45 min	30 min	2 months	60	390
INERTA MASTIC MIOX Epoxy Coating A two-component MIOX-pigmented epoxy paint with low solvent content. Product is surface tolerant.	●	●	●	Grey, Red, Sandy	Semi-matt	INERTA MASTIC HARDENER	2:1		•	•		9506	2 h	6 h	6 h	4 months	80	210

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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		

Epoxy Paints

TOP COATS

TEKNOPOX AQUA 0350 Epoxy Paint A semigloss, water-borne, two-component epoxy paint. Used as a top coat in water-borne epoxy coating systems that will be exposed to weathering. Especially suitable for engineering and paint shops.	○	●	○	Teknomix	Gloss / Semi-gloss	TEKNOPOX AQUA HARDENER 0300	1:1		•	•	•	Water	1,5 h	10 h	4 h	1 month	43	20
TEKNOPLAST 50 Epoxy Top Coat Quickly overcoatable and therefore suited to a fast painting tempo. Withstands heavy abrasion, chemical resistant, oils, greases and solvents. Withstands temporary dry heat up to +120°	●	●	○	Teknotint, Teknomix	Semi-gloss	TEKNOPLAST HARDENER	4:1		•	•	•	9506	4 h	4 h	2 h	1 month	53	430

COMBI

TEKNOPOX AQUA COMBI 0360 Epoxy Paint A water-borne two-component epoxy paint. The paint is suited for use as single paint without a primer. Suits machinery building, withstand oils, grease, solvents and chemical splashing.	○	●	○	Teknomix	Gloss / Semi-gloss	TEKNOPOX AQUA HARDENER 0300	1:1		•	•	•	Water	1,5 h	10 h	4 h	1 month	43	33
TEKNOPLAST HS 150 Epoxy Paint A high solids content paint that produces a thick coating that is resistant to chemicals. Can be used as a primer and top coat and also as a steam-proof coating on concrete.	●	●	○	Teknotint, Teknomix	Semi-gloss	TEKNOPLAST HARDENER	4:1		•	•	•	9506	4 h	5 h	5 h	1 month	70	300
TEKNOMASTIC COMBI 80-500 A two-component solvent-borne epoxy primer with low solvent content. Quickly overcoatable and therefore suited to a fast painting tempo. The paint film withstands heavy abrasion, oils, grease, solvents and chemical splashing.	●	●	○	Teknotint	Semi-gloss	TEKNOMASTIC HARDENER 7465	4:1		•	•	•	9506	2 h	6 h	4 h	3 months	82	200

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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		
TEKNOMASTIC 80 PRIMER Epoxy Primer A two-component solvent-borne epoxy primer with low solvent content. Quickly overcoatable and therefore suited to a fast painting tempo. The paint film withstands heavy abrasion, oils, grease, solvents and chemical splashing. The paint comes up to the requirements of standard NORSOK M-501:2012.	●	●		RAL 7035, RAL 1004	Semi-gloss	TEKNOMASTIC HARDENER 7465	4:1	•	•	•	•	9506	2 h	6 h	4 h	3 months	82	200
INERTA 160 Epoxy Coating Good adhesion to blast-cleaned steel and excellent abrasion resistance. Good chemical resistance. Suitable to use for coating cooling water and inlet piping. Good resistance to radiation, the coating is easy to decontaminate. A two-component feeding unit is required.	●	○		White, Black, Red	Gloss	INERTA 160 HARDENER BLUE	2:1	•	•			9506	20 min	8 h	4 h	8 h	96	40
INERTA 165 Epoxy Coating Good adhesion to blast-cleaned steel and excellent abrasion resistance. Suitable for use on structures that are to be subjected to heavy abrasion.	●	○		White, Black	Gloss	INERTA 165 HARDENER	2:1	•	•			9506	30 min	12 h	6 h	24 h	92	100
INERTA 270 Epoxy Paint Used for Epoxy Coating System K81 on the insides of steel and concrete tanks and basins, e.g. storage tanks of paper, pulp and chemical industry as well as sewage treatment plants. Withstands aqueous solutions of most chemicals, heating oil, diesel oil, unleaded petrol, jet fuel as well as several solvents.	●	○		Light grey, White, Sandy	Gloss	INERTA 270 HARDENER	10:3	•	•			9506	90 min	7 h	12 h	2 d	75	200
INERTA 271 Epoxy Primer-Topcoat A two-component epoxy primer-topcoat with low solvent content. Used in Epoxy Coating System as anticorrosive coating, primer or topcoat in high aggressive corrosion environment, where high solids content is needed.	●	○		Teknotint	Gloss	INERTA 271 HARDENER	10:2,4	•	•	•	•	9506	1,5 h	5 h	5 h	1 month	76	200
INERTA 280 Epoxy Phenol Novolac Coating A two-component, almost solvent-free epoxy coating. Used on the insides of steel and concrete tanks and basins exposed to mechanical and chemical stress. Good adhesion to blast-cleaned steel and excellent abrasion resistance. Withstands aqueous solutions of most chemicals, salts, bases and diluted acids as well as water and oil in permanent immersion.	●	○		White, Red, Green	Gloss	INERTA 280 HARDENER	2:1	•	•			9514	40 min	4 h	3 h	24 h	96	50

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Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		
Polyurethane Paints																		
PRIMERS																		
TEKNODUR PRIMER 8-00 Polyurethane Primer A low solvent content, two-component, high quality multipurpose polyurethane primer for demanding top coating, such as coating of transport equipment. Recommended for use with top coats from TEKNODUR 100 series.	○	●		White	Semi-gloss	TEKNODUR HARDENER 0010	8:1		•	•	•	9526	2,5 h	3 h	3 h	-	56	400
TEKNODUR PRIMER 5 Polyurethane Primer A two-component, high-class multipurpose polyurethane primer. Quick-drying and filling primer surfacer that forms a dense and even paint film. It can be used as a priming coat even for high performance top coats.		●	●	Grey, White	Semi-matt	TEKNODUR PRIMER 5 HARDENER	9:1		•	•	•	9521, 9526	6 h	3 h	2 h	-	45	480
TOP COATS																		
TEKNODUR AQUA 3390-09 Polyurethane Top Coat and Clear Coat A water-based, two-component polyurethane top coat and clear coat for water-based polyurethane systems exposed to atmospheric corrosion. Excellent gloss and colour retention.	○	●	●	Teknomix	Gloss	TEKNODUR AQUA HARDENER 7313	5:1					1936	1,5 h	6,5 h	6 h	14 d	42	90
TEKNODUR 0050 Polyurethane Top Coat A two-component, semigloss polyurethane top coat. Good mechanical and weather resistance.	●	●	○	Teknotint, Teknomix	Semi-gloss	TEKNODUR HARDENER 0010	9:1					9521, 6220	4 h	6 h	12 h	18 months	56	430
TEKNODUR 0190 Polyurethane Top Coat A two-component polyurethane top coat. Good mechanical and weather resistance.	●	●	●	Teknotint, Teknomix	Gloss	TEKNODUR HARDENER 0100/0200	4:1					9526, 6220	6 h	6 h	12 h	18 months	50	470
TEKNODUR 100 9-00 Polyurethane Top Coat A two-component, full-gloss, highly durable polyurethane topcoat for protective coating systems used on general structural steel constructions in demanding applications, such as transportation industry, agricultural and construction equipment.	○	○	●	By order/ Teknotint	Full gloss	TEKNODUR HARDENER 7230	7:1					9521, 9526	3 h	8 h	6 h	18 months	49	450
TEKNODUR 0290 Polyurethane Clear Coat Recommended when the topcoat is required to have excellent gloss and colour retention. Produces an UV-resistant film with good mechanical and weather resistance.	●	●	●	Clear coat	Full gloss	TEKNODUR HARDENER 0200	4:1					9526, 6220	6 h	6 h	12 h	-	45	520
TEKNODUR 0290-19 Anti-graffiti Clear Coat A two-component polyurethane top coating clear coat. Produces a high gloss film with very good resistance to UV radiation and mechanical abrasion. Graffiti and dirt is easy to wash off from the smooth surface that the clear coat produces.	●	●	●	Clear coat	Full gloss	TEKNODUR HARDENER 0200	4:1					9526, 6220	6 h	6 h	12 h	-	45	520
TEKNODUR 295-900 Clear coat A two-component polyurethane clear coat. Produces a high gloss, UV-resistant film with good mechanical and weather resistance. Especially suited for painting vehicles and other transportation equipment.	○	●	●	Clear coat	Full gloss	TEKNODUR HARDENER 7295	4:1					9526, 9521	1,5 h	7 h	12 h	14 d	50	435

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	HD	GI	ACE						Fe	Zn	Al				min	max		

Polyurethane Paints

COMBI

TEKNODUR COMBI 3430-05 Polyurethane Paint A two-component, anticorrosive pigmented, semigloss polyurethane paint with low solvent content. Used as a direct-to-metal paint or a top coat in PUR systems. Good mechanical and weather resistance.	○	●	●	Teknotint, Teknomix	Semi-gloss	TEKNODUR HARDENER 7230	6:1	*	*	*	*	9526, 9521, 6220	1,5 h	5 h	4 h	18 months	61	350
TEKNODUR COMBI 3430-09 Polyurethane Paint A two-component, anticorrosive-pigmented, glossy polyurethane paint with low solvent content. Used as a direct-to-metal paint or a top coat in PUR systems. Good mechanical and weather resistance.	○	●	●	Teknotint, Teknomix	Gloss	TEKNODUR HARDENER 7230	6:1	*	*	*	*	9526, 9521, 6220	1,5 h	5 h	4 h	18 months	58	380
TEKNODUR COMBI 3430-39 Polyurethane Paint A two-component, anticorrosive-pigmented, glossy polyurethane paint with low solvent content. Used as a direct-to-metal paint or a top coat in PUR systems. Good mechanical and weather resistance. Formulated for electrostatic spraying.	○	●	●	Teknotint	Gloss	TEKNODUR HARDENER 7230	6:1	*	*	*	*	9526, 9521, 6220	1,5 h	5 h	4 h	18 months	56	429
TEKNODUR COMBI 340-811 Polyurethane Paint A two-component, anticorrosive pigmented, high solid, glossy polyurethane paint with low solvent content. Used as a direct-to-metal paint or a top coat in PUR systems. Good mechanical and weather resistance.	○	●	●	Teknotint	Gloss	TEKNODUR HARDENER 7295	4:1	*	*	*	*	1602, 9521	1 h	8 h	7 h		70	275
TEKNODUR COMBI 3560-05 Polyurethane Paint A two-component, semigloss polyurethane paint. Excellent mechanical and weather resistance. Being anticorrosive pigmented the paint is suitable to use as direct to metal. NORSOK approved top coat together with zinc rich epoxy primer.	○	●	●	Teknotint	Semi-gloss	TEKNODUR HARDENER 7226	3:1	*	*	*	*	9526, 1129	1 h	3 h	4 h	8 h	90	70
TEKNODUR COMBI 3560-09 Polyurethane Paint A two-component, glossy polyurethane paint. Excellent mechanical and weather resistance. Being anticorrosive pigmented the paint is suitable to use as direct to metal. NORSOK approved top coat together with zinc rich epoxy primer.	○	●	●	Teknotint	Gloss	TEKNODUR HARDENER 7226	3:1	*	*	*	*	9526, 1129	1 h	2,5 h	5 h	8 h	93	70
TEKNODUR COMBI 3560-75 A high solid, semigloss, direct-to-metal polyurethane paint. Excellent mechanical and weather resistance. Fast curing and therefore suitable for two-component line painting where the demand for productivity is high.	○	●	●	Teknotint	Semi-gloss	TEKNODUR HARDENER 7227	3:1	*	*	*	*	9526	15 min	50 min	1 h	8 h	74	230
TEKNODUR COMBI 3560-78 High solid Polyurethane Paint A high solid, semigloss, direct-to-metal polyurethane paint. Excellent mechanical and weather resistance. Fast curing and therefore suitable for two-component line painting where the demand for productivity is high.	○	●	●	Teknotint	Gloss	TEKNODUR HARDENER 7227	3:1	*	*	*	*	9526	15 min	50 min	1 h	8 h	74	240

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	HD	GI	ACE						Fe	Zn	Al				min	max		

Zinc-Rich Paints

TEKNOZINC 3480 SE Zinc Rich Epoxy Paint A two-component, high solid, solvent-borne zinc rich epoxy paint. Protects efficiently from underfilm corrosion and resists weathering even without any top coat. The zinc content of the paint is at least 80% by weight in the dry paint film.	●	●		Bluish grey	Matt	TEKNOZINC HARDENER 7511	5:1	•	•		9506	3 h	15 min	2 h	2 months	66	300
TEKNOZINC SS Zinc Dust Paste A two-component zinc rich ethyl silicate paint. After drying, protects the steel cathodically, like zincing. Excellent resistance to mechanical abrasion and it withstands dry heat up to +400°C and also different solvents and oils, even on immersion. The zinc content of the paint is at least 80% by weight in the dry paint film.	●	●		Greenish grey	Matt	TEKNOZINC SS Silicate Part	7:3	•	•		6060	4 h	30 min	1 d	-	52	510
TEKNOZINC 80 SE Zinc Rich Epoxy Paint A two-component, solvent-borne zinc rich epoxy paint. Used as a priming coat. The zinc content of the paint is at least 80% by weight in the dry paint film. Protects steel cathodically.	●	●	●	Bluish grey	Matt	TEKNOZINC 50/80/90 SE HARDENER	5:1	•	•		9506	16 h	30 min	1 h	3 months	50	450

Product	Use range			Colours	Gloss	Hardener	Mixing Ratio (Vol-%)	DTM	Substrate			Thinner/TEKNOSOLV	Pot life	Touch dry	Overcoat by itself		Solids by Vol. %	VOC g/l
	HD	GI	ACE						Fe	Zn	Al				min	max		

Silicone Paints

TEKNOHEAT 500 Silicone Paint Withstands permanent heat up to +400°C and momentary heat even up to +500°C. Temporarily damp steel surfaces must be primed with appropriate anticorrosive zinc dust paints, e.g. TEKNOZINC SS.	●	●	○	Black, RAL 9006, Clear (base3)	Matt			•	•		9502, 1639		20 min	After 1 h @ 200°C	-	25	670
TEKNOHEAT 650 Silicone Aluminium Paint Used on hot surfaces indoors. TEKNOHEAT 650 forms a silvery coat that withstands heat up to +650°C.	○	●	○	Aluminium	Metallic			•	•		9502, 1639		2 h	After 1 h @ 200°C	-	30	630

● = Recommended use ○ = Suitable



SUITABLE FOR INDUSTRIES AND OBJECTS:

- Mining industry
- Pipelines
- Secondary containment
- Machines
- Transportation vehicles
- Roofs
- Steel structures
- Concrete structures
- Pools

SUITABLE FOR IMMERSION AND WATERPROOFING

- Excellent adhesion to metal and concrete
- Seamless waterproof film
- Excellent crack bridging ability

Also available as a longer curing time version (gel time 30 sec) TEKNOPUR 360-800 and as a fire-resistant version TEKNOPUR 340 FR, fire class C_{ii} in accordance with EN13501-1:2007+A1:2009.

EXTREMELY FAST CURING –CURING WITHIN SECONDS

- Fast and efficient coating process
- Walkable within less than a minute

Curing properties

Tack-free	12 sec
Walk-over time	40 sec
Fully cured	24 hours
Immersion tolerant	1-3 days
Overcoat by itself	within 24h

SURFACE PROPERTIES BEYOND COMPARISON

TEKNOPUR 300 elastomeric coating, Functional pure polyurea technology

EXTREMELY FAST CURING

Polyurea is a technology where an extremely tolerant and fast-setting coating is created by adjusting properties of two reactive components. Curing takes place within seconds rather than minutes.

ONE OF THE MOST RESISTANT COATINGS IN THE WORLD

Due to its toughness and elasticity, TEKNOPUR 300 withstands high abrasion, impacts and extreme mechanical loads. It also creates a seamless waterproof film that gives matchless protection to the surface beneath the coating. TEKNOPUR 300 is highly resistant to corrosion and chemicals.

When it comes to operational temperatures, TEKNOPUR 300 offers a wide temperature area. Typical usage temperatures are from -40°C up to +150°C.

ENVIRONMENTALLY FRIENDLY

Solvent-free TEKNOPUR 300 emits no volatile organic compounds and therefore it is an environmentally friendly choice as well.



TRADITIONAL EPOXY COATING AND TEKNOPUR 300 AFTER IMPACT RESISTANCE TEST AT -20°C.

EXCELLENT CHEMICAL RESISTANCE

Chemical resistance @+23 °C if not otherwise noted	Standard	Minimum durability without major changes
Distilled water	ISO 2812-1	3+ years
Sea water	ISO 2812-1	3+ years
NaOH 50%	ISO 2812-1	2+ year
Ammonia 20%	ISO 2812-1	2+ year
Sulphuric acid 20%	ISO 2812-1	2+ year
Acetic acid 10%	ISO 2812-1	1+ year
Hydrochloric acid HCl 10%	ISO 2812-1	2+ year

OUTSTANDING MECHANICAL RESISTANCE

Physical properties Property	Standard	Value
Tensile strength	ISO 527-2	25 MPa
Elongation	ISO 527-2	380%
Tear strength	ISO 34-1:2015 B	30 N/mm
Tear strength	ISO 34-1:2015 C	200 N/mm
Impact resistance at -40°C	ISO 6272-2	> 100 kg*cm
Taber abrasion resistance, H-18, 1 kg, 1000 rounds	ISO 7784-2	90 mg
Water vapor permeability	ISO 7783	8 g/m ² /day

SUBSTRATES AND PREFERRED PRIMERS

CONCRETE

- TEKNOFLOOR PRIMER 306 F and 310 F
- TEKNOPUR SEALER 100

STEEL

- TEKNODUR PRIMER 8
- TEKNOZINC 3233
- TEKNOPLAST PRIMER 7 Miox

WOOD ETC.

- TEKNOPUR SEALER 100

For other primer alternatives contact Teknos.

COLOURS

Available in various colours by agreement.

ADHESION

Substrate/ Primer	Method	Result	Note
Steel, FeSa2½	ISO 4624	ca. 10 MPa	–
Steel, TEKNOPLAST PRIMER 5	ISO 4624	ca. 9 MPa	–
Birch plywood, TEKNOPUR SEALER 100	ISO 4624	ca. 5 MPa	Substrate break
Concrete, TEKNOFLOOR PRIMER 306F-01	ISO 4624	ca. 6 MPa	Substrate break



OPERATOR AND ENVIRONMENTALLY FRIENDLY

- Zero VOC emissions
- No need for hot work license (roofing)
- No flammable compounds during application and curing
- Fire classification of TEKNOPUR 300:
EN 13501-1: E_{fl}
- Fire classification of TEKNOPUR 340 FR:
CEN TS 1187: BROOF T2
EN 13501-1: C_{fl}-s1



STAND OUT AND CHOOSE TEKNOS AS YOUR PREFERRED PURE POLYUREA SUPPLIER!

- Reliable and well-known Teknos brand comprising high quality products
- Fast and reliable deliveries via a comprehensive distribution network
- All system layers from the same supplier
- Local technical service and support
- Member of the PDA Europe



WE MAKE THE WORLD LAST LONGER

Teknos is a global coatings company with operations in more than 20 countries in Europe, Asia, and the USA. It employs approximately 1,800 people and the net sales for 2017 was EUR 384 million. Teknos is one of the leading suppliers of industrial coatings with a strong position in retail and architectural coatings.

Teknos wants to make the world last longer by providing smart, technically advanced paint and coating solutions to protect and prolong. Teknos always works in close cooperation with its customers. It was established in 1948, and is one of Finland's largest family-owned businesses.
For further information, visit www.teknos.com

TEKNOS GROUP OY
TAKKATIE 3
P.O. BOX 107
FI-00371 HELSINKI
TEL. +358 9 506 091

