

» Industrial surface treatment

WASTE CONTAINERS



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SURFACE TREATMENT OF WASTE CONTAINERS AND TRANSPORT PALLETS

In this material, we offer our customers an overview of some of the most commonly used coating systems (CS) for surface treatment (ST) of metal and sheet metal waste containers and transport pallets. These CSs are based on the practical knowledge and experience of our technicians.

SELECTED COATING SYSTEMS (most common use)

Surface treatment of metal waste and transport containers and pallets is most often realized by coatings which correspond to the determination of surface treated products. That is, the usual lifetime (about 5 years) and durability with regard to simple application and affordability.



IRON SURFACES

A	synthetic (alkyd) two-layer CS (AK)			
	primer	top coat	whole CS	
	S2000 SYNOREX PRIMER or S2220 SYNTEPUR PRIMER*	S2225 ULTRA RAPID EMAIL or S2032 EMAIL	S2000 (S2220) + S2225 (S2032)	
	NUMBER OF LAYERS / DFT	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1 / 40-70 µm	1-2 / 50-80 µm	100-120 µm	C3 / 5-8 years
	BASIC CHARACTERISTICS quick-drying excellent corrosion protection	BASIC CHARACTERISTICS S2225 gloss S2032 high gloss and very fast drying	BASIC CHARACTERISTICS good UV and weather resistance	

* **S2220 SYNTEPUR PRIMER** - alkydurethane anticorrosion primer designed specifically for ST of containers, specifically selected shades Z1C0100, Z1C0110, Z1C0610 a Z1C0840.

B	synthetic one-layer CS (AK)		
	one-layer paint	whole CS	
	S2015 PROTIREZ	S2015	
	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1-2 / 80-120 µm	80-120 µm	C3 / 5 years
	BASIC CHARACTERISTICS by default semi-gloss quick-drying one-layer application	BASIC CHARACTERISTICS economic version good UV and weather resistance	

C	combined epoxy polyurethane two-layer CS (2k EP + 2k PUR)			
	primer	top coat	whole CS	
	S2318 EPAX	U2060 or U2074 AXAPUR	S2318 + U2060 (U2074)	
	NUMBER OF LAYERS / DFT	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1 / 40 µm	1-2 / 60-80 µm	100-120 µm	C3 / 10 years
	BASIC CHARACTERISTICS high corrosion protection also on galvanized material even thicker layers	BASIC CHARACTERISTICS U2060 gloss, semi-matt, matt and structural surface U2074 is an economical glossy variant	BASIC CHARACTERISTICS high UV and weather resistance for roofs it is recommended at least NDFT 120 µm	

D	combined epoxy polyurethane two-layer CS (2k EP + 2k PUR)			
	primer	top coat	whole CS	
	S2328 EPAX	U2074 AXAPUR	S2328 + U2074	
	NUMBER OF LAYERS / DFT	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1 / 40 µm	1-2 / 60-80 µm	100-120 µm	C3 / 8-10 years
	BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
	high corrosion protection even thicker layers fast drying		easy application good UV and weather resistance economic version	

E	water-based (acrylic) two-layer CS (AY)			
	primer	top coat	whole CS	
	V2115 AQUAREX	V2113 AQUACOL PLUS	V2115 + V2113	
	NUMBER OF LAYERS / DFT	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1 / 60 µm	1-2 / 60-80 µm	120-140 µm	C3 / 5-10 years
	BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
	corrosion protection also on galvanized material, aluminium quick-drying even thicker layers		UV and weather resistance quick-drying effective VOC solutions	

F	water-based (alkyd) two-layer CS (AK)			
	primer	top coat	whole CS	
	V2158	V2072 AQUACOL	V2158 + V2072	
	NUMBER OF LAYERS / DFT	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1 / 60 µm	1-2 / 60 µm	120 µm	C3 / 5-10 years
	BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
	corrosion protection quick-drying		UV and weather resistance effective VOC solutions	



GALVANIZED SURFACES

A	acrylic (solvent based) one-layer CS (AY)		
	one-layer paint	whole CS	
	S2214 ZINOREX	S2214	
	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1-2 / 80-120 µm	80-120 µm	C3 / 7-10 years
BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
semi-matt quick-drying one-layer application		easy and quick application good UV and weather resistance	

B	polyurethane one-layer CS (2k PUR)		
	one-layer paint	whole CS	
	U2218 AXAPUR	U2218	
	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1-2 / 80-120 µm	80-120 µm	C3 / 10-15 years
BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
semi-matt, gloss, matt or structure also for aluminium, titanium zinc, steel quick-drying one-layer application		easy and quick application high UV and weather resistance for roofs it is recommended at least NDFT 120 µm	

C	polyurethane one-layer CS (2k PUR)		
	one-layer paint	whole CS	
	U2219 or U2068 AXAPUR	U2219 (U2068)	
	NUMBER OF LAYERS / DFT	TOTAL NDFT	EXPECTED LIFE
	1-2 / 80-120 µm	80-120 µm	C3 / 12-15 years
BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
U2219 semi-matt U2068 semi-matt, gloss, matt or structure, very high resistance also on aluminium, titanium zinc, steel quick-drying one-layer solution		easy and quick application very high UV and weather resistance for roofs it is recommended at least NDFT 120 µm	

D	water-based (acrylic) two-layer CS (AY)					
	primer		top coat		whole CS	
	V2115 AQUAREX		V2113 AQUACOL PLUS		V2115 + V2113	
	NUMBER OF LAYERS / DFT		NUMBER OF LAYERS / DFT		TOTAL NDFT	EXPECTED LIFE
	1 / 40 µm		1-2 / 60-80 µm		100-120 µm	C3 / 10 years
	BASIC CHARACTERISTICS		BASIC CHARACTERISTICS		BASIC CHARACTERISTICS	
	higher corrosion protection also on steel, aluminium quick-drying even thicker layers		matt quick-drying high UV and weather resistance		high UV and weather resistance quick-drying effective VOC solutions	

