WATTYL® INDUSTRIAL COATINGS

Protective and Industrial Coatings

Quick Reference Systems Guide - 2008

PROTECTIVE AND INDUSTRIAL COATINGS SYSTEM GUIDE

INTRODUCTION

Wattyl has a wide range of Protective and Industrial Coating products that may be used in combination to make hundreds of different coating systems. This guide is designed to assist in the selection of the correct coating system for your application by providing Wattyl's most common coating systems for typical substrates and exposure environments.

System selection is a function of: exposure environment, expected life, substrate material, substrate condition, previous coating (if present), surface preparation method, application method, application conditions and requirements, structure design.

Correct surface preparation is critical to the longevity of any coating system. For details of surface preparation methods refer to the surface preparation sections (I-10 to I-14) of the Wattyl Protective and Marine Coatings Manual along with the appropriate Australasian Standards. For further assistance with system selection for a specific project please contact your local Protective and Industrial Coatings Sales Representative or contact Wattyl on 0800 735 551

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PROTECTIVE SYSTEMS - ATMOSPHERIC

MILD STEEL - MILD ATMOSPHERIC ENVIRONMENT (VERY LOW CORROSIVITY)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Power tool clean **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Power tool clean to AS1627.2 Class 2 (min.)**					
NZ7001	1	P33.01	Epinamel DTM800	150	Single coat, surface tolerant, epoxy mastic. Excellent corrosion resistance. Full AS2700 colour range available.
NZ7002	1 2 3	WM304 WM321 WM321	Rapid Primer Longlife Enamel Longlife Enamel	50 35 35	Economical alkyd system with a full gloss finish. Wide colour offer available.
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7003	1	P42.02	Galvit ES600	75	Single coat, zinc rich ethyl silicate primer/finish for excellent protection of steel. Approved to APAS2908, APAS2973, A3750.15 Type 4
NZ7004	1	P42.01	Galvit ES510	75	Single coat, zinc rich ethyl silicate primer/finish for excellent protection of steel. More economical than Galvit ES600 system, due to lower zinc content. Approved to APAS2908
NZ7005	1 2	P30.01 P50.01	Epinamel PR250 Poly U400	75 50	Highly durable epoxy/polyurethane system with a hard wearing, high gloss finish. Full AS2700 colour range available.
NZ7006	1 2	P30.01 P51.02	Epinamel PR250 Poly U750	75 100	High build, highly durable epoxy/polyurethane system with a hard wearing, gloss finish. Full AS2700 colour range available.

MILD STEEL - MODERATE ATMOSPHERIC ENVIRONMENT (LOW CORROSIVITY)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Power tool clean **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Power tool clean to AS1627.2 Class 2 (min.)**					
NZ7007	1 2 3	WM304 WM321 WM321	Rapid Primer Longlife Enamel Longlife Enamel	75 35 35	Medium build, gloss alkyd system with a high film build primer for extra protection. Brush and roll system. Wide colour offer available.
NZ7008	1 2	P30.01 P50.01	Epinamel PR250 Poly U400	100 50	Highly durable epoxy/polyurethane system with a hard wearing, high gloss finish. Full AS2700 colour range available.
NZ7009	1 2	P30.01 P51.02	Epinamel PR250 Poly U750	100 100	High build, highly durable epoxy/polyurethane system with a hard wearing, gloss finish. Full AS2700 colour range available.
NZ7010	1	P33.01	Epinamel DTM800	200	Single coat, surface tolerant, epoxy mastic. Excellent corrosion resistance. Full AS2700 colour range available.
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7011	1 2	P30.01 P50.01	Epinamel PR250 Poly U400	100 50	Highly durable epoxy/polyurethane system with a hard wearing, high gloss finish. Full AS2700 colour range available.
NZ7012	1 2	P30.01 P51.02	Epinamel PR250 Poly U750	100 100	High build, highly durable epoxy/polyurethane system with a hard wearing, gloss finish. Full AS2700 colour range available.
NZ7013	1	P33.01	Epinamel DTM800	200	Single coat, surface tolerant, epoxy mastic. Excellent corrosion resistance. Full AS2700 colour range available.
NZ7015	1 2	P41.02 P31.01	Galvit EP102 Epinamel EB600	50 150	A high build, full epoxy system with a zinc rich primer for long lasting protection.

MILD STEEL - TROPICAL ATMOSPHERIC ENVIRONMENT (MEDIUM CORROSIVITY)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Power tool clean **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Power tool clean to AS1627.2 Class 2 (min.)**					
NZ7016	1 2 3	P30.01 P31.01 P50.01	Epinamel PR250 Epinamel EB600 Poly U400	75 100 50	High gloss epoxy/polyurethane system with very good durability. Full AS2700 colour range available.
NZ7017	1 2 3	P30.01 P31.01 P51.02	Epinamel PR250 Epinamel EB600 Poly U750	75 100 100	Gloss, high build, epoxy/polyurethane system with very good durability. Full AS2700 colour range available.
NZ7018	1 2	P30.01 P31.01	Epinamel PR250 Epinamel EB600	75 150	High build, epoxy system with long-term recoatability and curing at low temperatures. Full AS2700 colour range available.
NZ7019	1 2	P33.01 P33.01	Epinamel DTM800 Epinamel DTM800	150 150	High build, high solids, epoxy mastic system, excellent anticorrosive performance. Full AS2700 colour range available.
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7020	1 2	P30.01 P50.01	Epinamel PR250 Poly U400	200 50	Highly durable system with a hard wearing, high gloss finish. Full AS2700 colour range available.
NZ7021	1 2 3	P42.01 P31.01 P50.01	Galvit ES 510 Epinamel EB600 Poly U400	75 100 50	A high gloss finish, zinc rich ethyl silicate/epoxy/polyurethane system for best anticorrosive protection. Full AS2700 colour range available.
NZ7022	1 2	P33.01 P33.01	Epinamel DTM800 Epinamel DTM800	150 150	High build, high solids, epoxy mastic system, excellent anticorrosive performance. Full AS2700 colour range available.
NZ7023	1 2	P30.01 P31.01	Epinamel PR250 Epinamel EB600	75 150	High build, epoxy system with long-term recoatability and curing at low temperatures. AS2700 colour range available.
NZ7024	1 2	P30.01 P51.02	Epinamel PR250 Poly U750	150 100	High build, highly durable system with a hard wearing, gloss finish. Full AS2700 colour range available.
NZ7025	1 2 3	P41.02 P31.01 P50.01	Galvit EP102 Epinamel EB600 Poly U400	50 125 50	An epoxy zinc/epoxy/polyurethane system for excellent durability and protection. Full AS2700 colour range available.

MILD STEEL - MARINE ATMOSPHERIC ENVIRONMENT (HIGH CORROSIVITY)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Power tool clean **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Power tool clean to AS1627.2 Class 2 (min.)**					
NZ7026	1 2	P33.01 P50.01	Epinamel DTM800 Poly U400	300 50	A high build, surface tolerant epoxy mastic, high gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7027	1 2	P33.01 P51.02	Epinamel DTM800 Poly U750	250 100	A high build, surface tolerant epoxy mastic, high build gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7028	1 2	P30.01 P33.01	Epinamel PR250 Epinamel DTM800MIO	75 325	A high build, high solids, epoxy system with micaceous iron oxide finish coat for excellent corrosion protection.

MILD STEEL - MARINE ATMOSPHERIC ENVIRONMENT (HIGH CORROSIVITY) (continued)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7029	1 2	P33.01 P50.01	Epinamel DTM800 Poly U400	300 50	A high build, surface tolerant epoxy mastic, high gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7030	1 2	P33.01 P51.02	Epinamel DTM800 Poly U750	250 100	A high build, surface tolerant epoxy mastic, high build gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7031	1 2 3	P41.02 P33.01 P50.01	Galvit EP 102 Epinamel DTM800MIO Poly U400	50 200 50	A high build, high gloss, high solids epoxy micaceous iron oxide system with a zinc rich primer for excellent corrosion protection. Full AS2700 colour range available.
NZ7032	1 2 3	P41.02 P33.01 P51.02	Galvit EP102 Epinamel DTM800MIO Poly U750	50 150 100	A high build, gloss, high solids epoxy micaceous iron oxide system with a zinc rich primer for excellent corrosion protection. Full AS2700 colour range available.
NZ7033	1 2	P41.02 P33.01	Galvit EP102 Epinamel DTM800MIO	50 200	A high build, high solids epoxy micaceous iron oxide system with a zinc rich primer for excellent corrosion protection.
NZ7034	1 2 3	P42.01 P33.01 P50.01	Galvit ES510 Epinamel DTM800 Poly U400	75 200 50	A highly durable, high gloss polyurethane finish with zinc rich primer and high solids epoxy buildcoat. Excellent long term performance. Full AS2700 colour range available.
NZ7035	1 2 3	P42.01 P33.01 P51.02	Galvit ES510 Epinamel DTM800 Poly U750	75 150 100	A highly durable gloss polyurethane finish with zinc rich primer applied over a high solids epoxy build coat. Excellent long term performance. Full AS2700 colour range available.
NZ7036	1 2	P42.01 P33.01	Galvit ES510 Epinamel DTM800	75 200	A high build, high solids epoxy with a zinc rich ethyl silicate primer. Full AS2700 colour range available.

MILD STEEL - SEVERE MARINE ATMOSPHERIC ENVIRONMENT (VERY HIGH CORROSIVITY)

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Power tool clean **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Power tool clean to AS1627.2 Class 2 (min.)**					
NZ7037	1 2	P33.01 P50.01	Epinamel DTM800 Poly U400	300 50	A high build, surface tolerant epoxy mastic, high gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7038	1 2	P33.01 P51.02	Epinamel DTM800 Poly U750	250 100	A high build, surface tolerant epoxy mastic, high build gloss polyurethane system with excellent anticorrosive performance. Full AS2700 colour range available.
NZ7039	1 2	P30.01 P33.01	Epinamel PR250 Epinamel DTM800MIO	75 325	A high build, high solids, micaceous iron oxide epoxy system for excellent corrosion protection.
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7040	1 2 3	P30.01 P33.01 P50.01	Epinamel PR250 Epinamel DTM800 Poly U400	75 250 50	A high build, high solids epoxy/high gloss polyurethane system for excellent corrosion protection. Full AS2700 colour range available.
NZ7041	1 2 3	P30.01 P33.01 P51.02	Epinamel PR250 Epinamel DTM800 Poly U750	75 200 100	A high build, high solids epoxy/gloss polyurethane system for excellent corrosion protection. Full AS2700 colour range available.
NZ7042	1 2	P33.01 P33.01	Epinamel DTM800 Epinamel DTM800	200 200	A high build, high solids, surface tolerant, epoxy mastic system. Excellent corrosion resistance. Full AS2700 colour range available.
NZ7081	1 2 3	P41.02 P33.01 P51.02	Galvit EP102 Epinamel DTM800MIO Poly U750	50 200 100	A high build, high solids epoxy micaceous iron oxide, gloss polyurethane system with a zinc rich primer for excellent corrosion protection. Full AS2700 colour range available.

MILD STEEL - WET ABRASIVE BLAST OR HYDROJET SURFACE PREPARATION
- FOR MILD, MODERATE, TROPICAL, INDUSTRIAL AND MARINE ATMOSPHERIC ENVIRONMENTS

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Pretreatment **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Followed by either:** **Wet abrasive blast** **Wet abrasive blast clean the surface to remove all millscale, rust, old paint and achieve a surface similar to AS1627.4 Class 2½. Flash rusting will occur almost immediately. High pressure water wash using clean and fresh water to remove all blasting residue. Allow all surfaces to dry before painting.** **or** **Ultra high pressure water jet** **Ultra high pressure water jet (UHPWJ) >170 MPa (>25,000 psi) the surface using fresh and clean water to remove all millscale, rust, old paint and achieve a surface similar to AS1627.4 Class 2½. Flash rusting will occur almost immediately. Allow all surfaces to dry before painting.**					
NZ7043	1	P30.01	Epinamel PR250	75	A high build, high gloss polyurethane system with very good durability. Full AS2700 colour range available.
	2	P33.01	Epinamel DTM800	250	
	3	P50.01	Poly U400	50	
NZ7044	1	P30.01	Epinamel PR250	75	A high build, gloss polyurethane system with very good durability. Full AS2700 colour range available.
	2	P33.01	Epinamel DTM800	200	
	3	P51.02	Poly U750	100	
NZ7045	1	P30.01	Epinamel PR250	75	A high build, high solids epoxy system with excellent corrosion protection.
	2	P33.01	Epinamel DTM800	300	

GALVANISED STEEL, ALUMINIUM OR FIBRE GLASS
- MILD, MODERATE, TROPICAL, INDUSTRIAL AND MARINE ATMOSPHERIC ENVIRONMENTS

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Pretreatment **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth (where applicable). Follow by the surface preparation for the appropriate substrate, refer below:** **GALVANISED STEEL - Lightly abrasive blast using an inert grit to achieve a roughened, uniform flat appearance over the entire surface. Do not disturb zinc layer during blasting.** **ALUMINIUM - Either lightly abrasive blast clean using an inert grit to achieve a uniform, flat appearance over the entire surface; or mechanically abrade the entire surface using 80 grit paper/disc.** **FIBRE GLASS - Mechanically abrade the entire surface using 80 grit paper/disc.**					
NZ7046	1	WA106	Killrust Super Etch	10	A medium build, single pack etch primer with a gloss alkyd finish. Wide colour offer available. Suitable for mild exposure environments only.
	2	WM321	Longlife Enamel	35	
	3	WM321	Longlife Enamel	35	
NZ7047	1	P30.01	Epinamel PR250	75	High build, gloss polyurethane system with excellent durability. Full AS2700 colour range available. Suitable for all exposure environments.
	2	P33.01	Epinamel DTM800	250	
	3	P50.01	Poly U400	50	
NZ7048	1	P30.01	Epinamel PR250	75	High build, gloss polyurethane system with excellent durability. Full AS2700 colour range available. Suitable for all exposure environments.
	2	P33.01	Epinamel DTM800	200	
	3	P51.02	Poly U750	100	
NZ7049	1	P30.01	Epinamel PR250	75	Highly durable system with a hard wearing, high gloss finish. Full AS2700 colour range available. Suitable for mild and moderate exposure environments.
	2	P50.01	Poly U400	50	
NZ7050	1	P30.01	Epinamel PR250	75	High build, highly durable system with a hard wearing, gloss finish. Full AS2700 colour range available. (Suitable for mild and moderate exposure environments.)
	2	P51.02	Poly U750	100	

CONCRETE - DECORATIVE SYSTEMS (excluding floors)
- FOR MILD, MODERATE, TROPICAL, INDUSTRIAL AND MARINE ATMOSPHERIC ENVIRONMENTS

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Pretreatment **New concrete shall be at least 28 days old prior to application of coating system. Remove all surface contaminants (including bondbreakers and curing agents) followed by either:** **Abrasive blast** **Abrasive blast to remove all laitance and other surface contaminants. Ensure the concrete moisture content is less than 4%;** **or** **Acid etch** **Acid etch the surface using a solution of hydrochloric acid. Rinse the surface with copious quantities of clean, fresh water to remove all of the acid residue. Allow the concrete to dry. Ensure the concrete moisture content is less than 4%.**					
NZ7051	1	TA062	Aquafloor Waterbased Epoxy	35	Epoxy gloss system for simplified on-site application. Full AS2700 colour range available.
	2	TA062	Aquafloor Waterbased Epoxy	35	
	3	TA062	Aquafloor Waterbased Epoxy	35	
NZ7052	1	WM305	Estathane Epoxy Primer	35	A highly durable medium solids epoxy satin system. Full AS2700 colour range available.
	2	P31.01	Epinamel EB600	100	
NZ7053	1	WM305	Estathane Epoxy Primer	35	High build, highly durable system with a hard wearing, gloss polyurethane finish. Full AS2700 colour range available.
	2	P51.02	Poly U750	100	

PROTECTIVE SYSTEMS - IMMERSION

MILD STEEL - FRESH/SEA WATER IMMERSION

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7054	1	P33.02	Epinamel DTM900	150	Economical, high solids, high build, epoxy system.
	2	P33.02	Epinamel DTM900	150	
NZ7055	1	P36.01	Epinamel MF920	250	High performance, high build, high solids, highly abrasion resistant epoxy system.
	2	P36.01	Epinamel MF920	250	

MILD STEEL - WASTEWATER IMMERSION

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
NZ7056	1	P30.01	Epinamel PR250	75	A high build, high solids epoxy system for protection against most wastewaters.
	2	P33.02	Epinamel DTM900	150	
	3	P33.02	Epinamel DTM900	150	
NZ7057	1	P36.01	Epinamel MF920	250	High performance, high build, high solids, highly abrasion resistant epoxy system.
	2	P36.01	Epinamel MF920	250	

PROTECTIVE SYSTEMS - HEAT AND CHEMICAL RESISTANT

MILD STEEL - HEAT RESISTANT SYSTEMS

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
Interior - up to 200°C					
NZ7058	1	P31.01	Epinamel EB600MIO	60	Low temperature curing, recoatable epoxy micaceous iron oxide system for long term flexibility.
	2	P31.01	Epinamel EB600MIO	60	
NZ7059	1	P71.03	Heatkote Aluminium	20	Aluminium pigmented, acrylic silicone system with no heat curing required.
	2	P71.03	Heatkote Aluminium	20	
NZ7060	1	WM321	Longlife Enamel Aluminium	35	Single product, single pack aluminium for economical protection.
	2	WM321	Longlife Enamel Aluminium	35	
Interior - up to 400°C					
NZ7061	1	P42.01	Galvit ES510	75	Single coat, zinc rich ethyl silicate system for very good heat resistance and corrosion protection.
Exterior - up to 200°C					
NZ7062	1	P31.01	Epinamel EB600MIO	60	Low temperature curing, single product, recoatable epoxy micaceous iron oxide system for long term flexibility.
	2	P31.01	Epinamel EB600MIO	60	
	3	P31.01	Epinamel EB600MIO	60	
NZ7063	1	P42.01	Galvit ES510	75	Acrylic silicone finish over zinc rich ethyl silicate primer. No heat curing required.
	2	P71.03	Heatkote Aluminium	20	
	3	P71.03	Heatkote Aluminium	20	
Exterior - up to 400°C					
NZ7064	1	P42.01	Galvit ES510	75	Single coat, zinc rich ethyl silicate system for excellent heat resistance and corrosion protection.

MILD STEEL - CHEMICAL RESISTANT SYSTEMS
- FOR RESISTANCE TO SPLASH OF ACIDIC/ALKALINE LIQUIDS

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
Acidic					
NZ7065	1	P20.01	PermaChlor PR30	75	Chlorinated rubber system with very good resistance to acidic splash conditions.
	2	P21.02	PermaChlor CR60	100	
	3	P21.01	PermaChlor CR50	35	
NZ7066	1	P33.01	Epinamel DTM800	150	High build, epoxy/gloss polyurethane system with good resistance to a range of acidic splash conditions.
	2	P51.02	Poly U750	100	
Alkali					
NZ067	1	P33.01	Epinamel DTM800	150	High solids, epoxy gloss finish with good resistance to a range of alkali splash conditions
	2	P32.02	Epinamel CF602	35	

PROTECTIVE SYSTEMS -FLOORING

FLOORING SYSTEMS - MILD STEEL

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth. Abrasive blast in accordance with AS1627.4 to a minimum Sa 2½ (AS1627.9)**					
Semi-gloss					
NZ7068	1	P30.01	Epinamel PR250	150	Low temperature curing, recoatable epoxy system with long term flexibility.
	2	P31.01	Epinamel EB600	150	
NZ7069	1	P33.01	Epinamel DTM800	200	High build, surface tolerant, epoxy mastic system. Excellent corrosion resistance. Suitable for high traffic areas.
	2	P33.01	Epinamel DTM800	200	
NZ7082	1	P30.01	Epinamel PR250	75	A high build, highly abrasion resistant system, suitable for high traffic areas.
	2	P36.01	Epinamel MF920	150	
Gloss					
NZ7070	1	P30.01	Epinamel PR250	75	Full gloss polyurethane finish system for moderate traffic areas.
	2	P51.02	Poly U750	75	
Non-Skid					
NZ7071	1	P30.01	Epinamel PR250	75	Epoxy non-skid system with a gloss polyurethane finish, suitable for high traffic areas.
	2	P34.01	Epinamel NS808	400	
	3	P51.02	Poly U750	75	

FLOORING SYSTEMS - GALVANISED STEEL

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Abrasive Blast (whip blast) **Degrease all surfaces in accordance with AS1627.1. Remove slag and splatter, grind all welds and high points smooth (where applicable). Lightly abrasive blast using an inert grit to achieve a roughened, uniform flat appearance over the entire surface. Do not disturb zinc layer during blasting.**					
Semi-gloss					
NZ7072	1	P30.01	Epinamel PR250	75	Low temperature curing, recoatable epoxy finish for long term flexibility. Suitable for moderate traffic areas.
	2	P31.01	Epinamel EB600	150	
NZ7073	1	P30.01	Epinamel PR250	75	A high build, highly abrasion resistant system suitable for high traffic areas.
	2	P36.01	Epinamel MF920	150	
Gloss					
NZ7074	1	P30.01	Epinamel PR250	75	High build, highly durable system with a hard wearing, gloss finish. Full AS2700 colour range available. Suitable for moderate traffic areas.
	2	P51.02	Poly U750	100	
Non-Skid					
NZ7075	1	P30.01	Epinamel PR250	75	Epoxy non-skid system for high traffic areas.
	2	P34.01	Epinamel NS808	400	
	3	P51.02	Poly U750	100	

FLOORING SYSTEMS - CONCRETE

SYSTEM NO.	COAT	DATA SHEET	PRODUCT	DFT (µm)	SYSTEM BENEFITS
Pretreatment **New concrete shall be at least 28 days old prior to application of coating system. Remove all surface contaminants (including bondbreakers and curing agents) followed by either:** **Abrasive blast** **Abrasive blast to remove all laitance, unsound paint and other surface contaminants. Completely remove all dust and grit. Ensure the concrete moisture content is less than 4%** **or** **Acid etch** **Acid etch the surface using a solution of hydrochloric acid. Rinse the surface with copious quantities of clean, fresh water to remove all of the acid residue. Allow the concrete to dry. Ensure the concrete moisture content is less than 4%.**					
Semi-gloss					
NZ7076	1	WM305	Estathane Epoxy Primer	35	Low temperature curing, Recoatable epoxy system suitable for moderate traffic areas.
	2	P31.01	Epinamel EB600	100	
	3	P31.01	Epinamel EB600	100	
Gloss					
NZ7077	1	WM305	Estathane Epoxy Primer	35	An epoxy, high build gloss polyurethane system suitable for moderate traffic areas.
	2	P51.02	Poly U750	100	
NZ078	1	TA062	Aquafloor Waterbased Epoxy	35	Gloss epoxy system suitable for moderate traffic areas.
	2	TA062	Aquafloor Waterbased Epoxy	35	
	3	TA062	Aquafloor Waterbased Epoxy	35	
Non-Skid					
NZ7079	1	WM305	Estathane Epoxy Primer	35	Epoxy/gloss polyurethane non-skid system suitable for high traffic areas.
	2	P34.01	Epinamel NS808	400	
	3	P51.02	Poly U750	100	
NZ7080	1	WM305	Estathane Epoxy Primer	35	Gloss epoxy non-skid system suitable for high traffic areas.
	2	P34.01	Epinamel NS808	400	
	3	P32.02	Epinamel CF602	35	

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