

Supplier and distributor of powder coating products

W: www.prominentaustralia.com.au E: support@prominentaustralia.com.au

TECHNICAL DATA SHEET

Antique silver

Product description

Antique silver is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection, it is essential to pre-treat substrateprior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting	process		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application Co	nditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	120+/-20 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties	
Shade (Color)	Antique silver
Finish (Visually)	Antique
Specific Gravity	1.45 -1.75
Coverage	7-9 sq. meter@ 120 microns approx.
Physical Properties	
Bend test (ASTM D522)	Passes 6 mm
Impact at 60 –70 Microns	
DFT (Direct / Indirect) (ASTM	
D5420)	40 kg.cm / 40 kg.cm
Pencil Hardness	H (No rupture of film)
Cross Cut Adhesion (ASTM	GT-0 (100/100)
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temp. for 120 Hrs.
Salt spray test (ASTM B – 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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TECHNICAL DATA SHEET

Gloss black

Product description

Gloss black is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection, it is essential to pre-treat substrateprior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting	process		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application Co	onditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60 to 80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties	
Shade (Color)	Black
Finish (Visually)	Smooth
Specific Gravity	1.40 -1.75
Gloss unit	85-95 units
Coverage	8-12 sq. meter@ 60-80 microns approx.
Physical Properties	
Bend test (ASTM D522)	Passes 6 mm
Impact at 60 –80 Microns	
DFT (Direct / Indirect) (ASTM	
D5420)	80 kg.cm / 80 kg.cm
Pencil Hardness	H (No rupture of film)
Cross Cut Adhesion (ASTM	GT-0 (100/100)
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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TECHNICAL DATA SHEET

Gloss Safety Yellow

Product description

Gloss Safety Yellow is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection, it is essential to pre-treat substrateprior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting	process		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application Co	onditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60 to 80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties	
Shade (Color)	Yellow
Finish (Visually)	Smooth
Specific Gravity	1.40 -1.75
Gloss unit	85-95 units
Coverage	8-12 sq. meter@ 60-80 microns approx.
Physical Properties	
Bend test (ASTM D522)	Passes 6 mm
Impact at 60 –80 Microns	
DFT (Direct / Indirect) (ASTM	
D5420)	80 kg.cm / 80 kg.cm
Pencil Hardness	H (No rupture of film)
Cross Cut Adhesion (ASTM	GT-0 (100/100)
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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TECHNICAL DATA SHEET

Matt black

Product description

Matt Black is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection it is essential to pre-treat substrate prior to the application of powder.

For ADC Components: Shot blasting.

not blasting pr	ocess		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
pplication Con	ditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60 to 80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyo speed

Powder Properties	
Shade (Color)	Black
Finish (Visually)	Smooth
Specific Gravity	1.40 -1.75
Gloss unit	15-25 units
Coverage	8-12 sq. meter@ 60-80 microns approx.
Physical Properties	
Bend test (ASTM D522)	Passes 6 mm
Impact at 60 –80 Microns	
DFT (Direct / Indirect) (ASTM	
D5420)	40 kg.cm / 40 kg.cm
Pencil Hardness	H (No rupture of film)
Cross Cut Adhesion (ASTM	GT-0 (100/100)
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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Ripple black

Product description

Ripple Black is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection, it is essential to pre-treat substrateprior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting process			
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application Co	l nditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	120+/-20 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties		
Shade (Color)	Black	
Finish (Visually)	Structure	
Specific Gravity	1.45 -1.75	
Coverage	7-9 sq. meter@ 120 microns approx.	
Physical Properties		
Bend test (ASTM D522)	Passes 6 mm	
Impact at 60 –80 Microns		
DFT (Direct / Indirect) (ASTM		
D5420)	40 kg.cm / 40 kg.cm	
Pencil Hardness	H (No rupture of film)	
Cross Cut Adhesion (ASTM D-3359)	GT-0 (100/100) (ASTM D-3359) (GT-0 Excellent, GT-5 Worst)	

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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TECHNICAL DATA SHEET

Satin black

Product description

Satin Black is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection, it is essential to pre-treat substrateprior to the application of powder.

For ADC Components: Shot blasting.

ot blasting pro	ocess		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
oplication Cond	litions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60 to 80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyo speed

Powder Properties		
Shade (Color)	Black	
Finish (Visually)	Smooth	
Specific Gravity	1.50 -1.75	
Gloss unit	50-60 units	
Coverage	8-12 sq. meter@ 60-80 microns approx.	
Physical Properties		
Bend test (ASTM D522)	Passes 6 mm	
Impact at 60 –80 Microns DFT (Direct / Indirect) (ASTM		
D5420)	80 kg.cm / 80 kg.cm	
Pencil Hardness	H (No rupture of film)	
Cross Cut Adhesion (ASTM D-3359)	GT-0 (100/100) (ASTM D-3359) (GT-0 Excellent, GT-5 Worst)	

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117)	Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 mm max. on either
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 Hrs No wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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TECHNICAL DATA SHEET

Texture black

Product description

Texture black is a durable thermosetting powder for exterior applications with excellent performance & offer excellent gloss retention and resistance to color change properties.

Features & Benefits

- Single coat application
- Interior and Exterior applications
- Superior adhesion to Aluminium substrate
- No solvents
- TGIC Free
- Diminish risk to health
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection it is essential to pre-treat substrate prior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting	process		
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application Co	onditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60-80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties		
Shade (Color)	Black	
Finish (Visually)	Texture	
Specific Gravity	1.50 -1.75	
Coverage	8-12 sq. meter@ 60-80 microns approx.	
Physical Properties		
Bend test (ASTM D522)	Passes 6 mm	
Impact at 60 –80 Microns		
DFT (Direct / Indirect) (ASTM		
D5420)	80 kg.cm / 80 kg.cm	
Pencil Hardness	H (No rupture of film)	
Cross Cut Adhesion (ASTM	GT-0 (100/100)	
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)	

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B - 117) Expose for 1000 Hrs (Only Primer) creep age along X mark to be 3 miles	
	side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 600 Hrs No wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.



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Zinc rich primer

Product description

Zinc Rich Primer is a barrier protective powder primer designed to give superior protection for steel, aluminium and MS Parts. This powder enables ease in application, high edge coverage with uniform flow & smooth finish. The primer exhibits Excellent resistance to chemical and corrosion.

Features & Benefits

- Excellent corrosion resistance
- Excellent chemical resistance
- Superior adhesion to Aluminium substrate
- Excellent edge covering
- Good out-gassing properties
- Can be used as a holding primer.
- Does not contain ecologically toxic materials.

Pre-treatment

Substrate should be free of grease, oil, dirt, fingerprints, and drawing compounds, to ensure optimum adhesion and coating performance properties. For maximum protection it is essential to pre-treat substrate prior to the application of powder.

For ADC Components: Shot blasting.

Shot blasting process			
S.no	Product Parameters	Specifications	Measuring Technique
1	Shot Size	0.4 to 0.6	Profile projector
2	Ra Value	3 to 6 Microns	Replica tape and gage
Application C	onditions		
S.no	Product Parameters	Specifications	Measuring Technique
1	Paint coating Thickness	60 to 80 Microns	DFT Meter
2	Powder flow	40-60 % of flow	Control Panel
3	Booster Air	3-5 kg / cm2	Control Panel
4	Fluidization Air	0.1-0.5 kg/cm2	Control Panel
5	Current	50-80 microampere	Control Panel
6	Voltage	50-90 KV	Control Panel
7	Curing Temperature	200 degree C for 10 min. (EMT)	Control Panel & Fixed Conveyor speed

Powder Properties		
Shade (Color)	Dark grey	
Finish (Visually)	Smooth	
Specific Gravity	1.45 -1.75	
Gloss unit	15-25 units	
Coverage	9-14 sq. meter @ 60-80 microns approx.	
Physical Properties		
Bend test (ASTM D522)	Passes 6 mm	
Impact at 60 –80 Microns	80 kg.cm / 80 kg.cm	
DFT (Direct / Indirect) (ASTM		
D5420)		
Pencil Hardness	2H (No rupture of film)	
Cross Cut Adhesion (ASTM	GT-0 (100/100)	
D-3359)	(ASTM D-3359) (GT-0 Excellent, GT-5 Worst)	

Accelerated properties	
Water Test	Dip the part in water maintained at 40°C temperature for 120 Hrs.
Salt spray test (ASTM B – 117)	Expose for 1500 Hrs (Only Primer) creep age along X mark to be 3 mm max. on eitherside. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
	Expose for 1500 Hrs (Base coat primer + Top coat) creep age along X mark to be 3 mm max. on either side. No rust, no blister & no adhesion failure beyond 3 mm from X mark.
Humidity Resistance (ASTM	Test for 1000 HrsNo wrinkling, cracking, flaking, blistering or softening of the
D-2247)	coating.
Accelerated Weather	Test for 450 Hrs – After test Gloss loss not more than 20% polished sample. No
Resistance (QUV)	significant color change.
	Best within 15-18 months from the date of manufacturing when stored below 30°C
Shelf Life	and 50% relative Humidity.