

**KOSSAN**

**PAINT**

Colour Card

# POWDER COATINGS

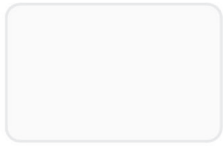
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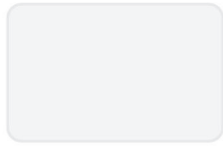
**Architectural  
& Industrial Use**



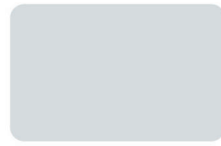
# Epoxy-polyester (Hybrid) - Interior



K 2100 HY-1001/A127



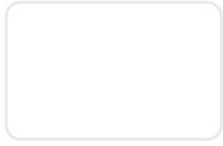
K 2000 HY-1001/A648



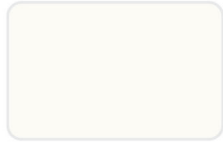
K 2100 HY-1011/A1409



K 2000 HY-1001/A792



K 2000 HY-1001/A431



K 2000 HY-1001/A813



K 2000 HY-1011/A2572



K 2000 HY-1004/A94



K 2100 HY-1001/A510



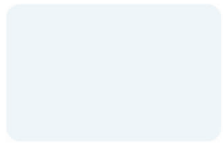
K 2000 HY-1007/A1500



K 2000 HY-1011/A4175



K 2000 HY-1004/A199



K 2000 HY-1001/A479



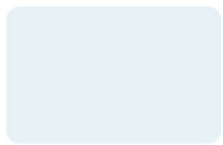
K 2000 HY-1007/A1603



K 2100 HY-1011/A4201



K 2000 HY-1004/A1135



K 2000 HY-1001/A430



K 2000 HY-1007/A1842



K 2000 HY-1011/A2990



K 2000 HY-1004/A1273



K 2100 HY-1007/A680



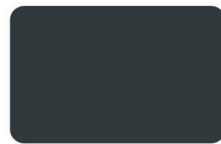
K 2100 HY-1011/A2317



K 2100 HY-1004/A1393



K 2100 HY-1006/A1053



K 2100 HY-1011/A3098



K 1100 EP-1002/A12



K 2100 HY-1002/A72



K 2100 HY-1002/EA102



K 2000 HY-1002/A269

## Grades

K 1000 - High gloss	K 3300 - Architectural PE (Semi gloss/Matt)
K 1100 - Semi gloss/matt	K 3400 - Architectural PE (High gloss)
K 2000 - High gloss	K 4000 - Texture
K 2100 - Semi gloss/matt	K 4010 - Wrinkle
K 3000 - High gloss	K 4020 - Hammertone
K 3100 - Semi gloss/matt	K 4030 - Metallic
	K 4040 - Transparent

## Type of coating

EP Series - Epoxy (Interior)  
 HY Series - Epoxy Polyester (Interior)  
 PE Series - Polyester (Exterior)  
 APE Series - Architectural Polyester (Exterior)

## Colour Code

1001 - White	1008 - Yellow
1002 - Black	1009 - Orange
1003 - Green	1010 - Violet
1004 - Blue	1011 - Grey/Silver
1005 - Red	1012 - Gold
1006 - Brown	1014 - Transparent
1007 - Beige	



K 2000 HY-1008/A3246



K 2000 HY-1009/A416



K 2000 HY-1010/A2502



K 2000 HY-1003/A3679



K 2000 HY-1008/A1266



K 2000 HY-1005/A250



K 2000 HY-1010/A543



K 2000 HY-1003/A342



K 2000 HY-1008/A333



K 2000 HY-1005/A1002



K 2000 HY-1010/A642



K 2000 HY-1003/A3714



K 2000 HY-1009/A341



K 2000 HY-1010/A4401

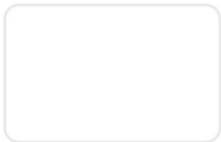


K 2000 HY-1010/A354



K 2000 HY-1003/A1184

## Polyester - Exterior



K 3000 PE-1001/A402



K 3100 PE-1007/A466



K 3100 PE-1004/A3508



K 3100 PE-1008/A2896



K 3100 PE-1001/A109



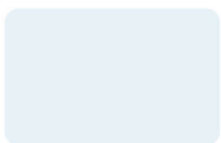
K 3100 PE-1011/A29



K 3100 PE-1011/A124



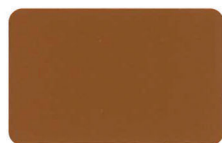
K 4010 PE-1009/A3489



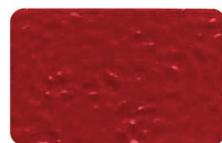
K 3000 PE-1001/A387



K 3100 PE-1011/A4670



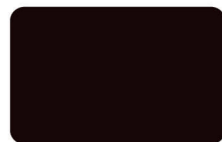
K 4000 PE-1006/A1109



K 4010 PE-1005/A80



K 3000 PE-1004/A4525

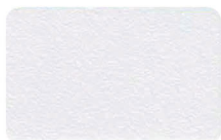


K 3000 PE-1006/A4563

**\* Noted: A reasonable degree of colour variation can be expected or production line application.**



# Special Finishing & Metallic



K 4000 HY-1001/A1058



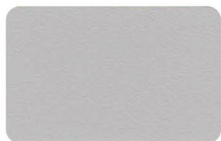
K 4010 PE-1001/A317



K 4030 HY-1012/A61-C



K 4020 PE-1002/A236-ES



K 4000 HY-1011/A334



K 4010 PE-1001/A352



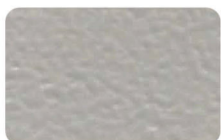
K 4030 HY-1012/A61-B



K 4020 PE-1002/A236-ELB



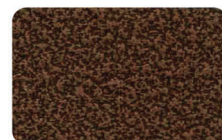
K 4000 HY-1007/A1961



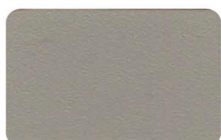
K 4010 HY-1007/A611



K 4000 HY-1011/A4142-A



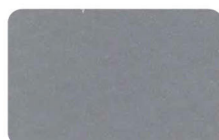
K 4020 PE-1002/A272-TC3



K 4000 HY-1007/A358



K 4010 HY-1007/A239



K 4030 HY-1011/A547-E



K 4020 PE-1002/A236-ERCP3



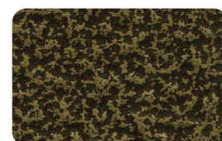
K 4000 HY-1006/A531



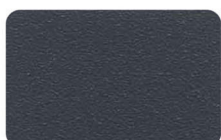
K 4010 HY-1007/A588



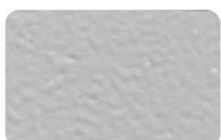
K 4030 HY-1011/A922-E



K 4020 PE-1002/A236-RGS



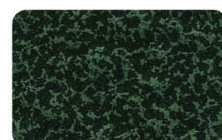
K 4000 HY-1011/A1052



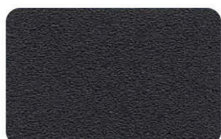
K 4010 PE-1011/A268



K 4030 HY-1011/A2885-A



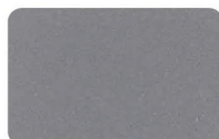
K 4020 PE-1002/A236-EGRN



K 4000 HY-1002/A64



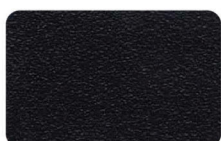
K 4010 PE-1011/A242



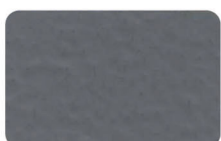
K 4030 HY-1011/A4314-A



K 4020 PE-1002/A236-EBL



K 4000 HY-1002/A300



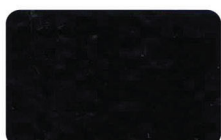
K 4010 PE-1011/A3387



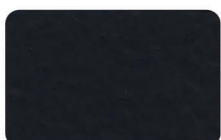
K 4030 HY-1011/A2013-A



K 4030 HY-1002/A4312-A



K 4010 PE-1002/A41



K 4010 PE-1011/A340





# Product Specification



## THEORITICAL COVERAGE

Products	S.G	Film Thickness (µm)								
		40	50	60	70	80	90	100	110	120
Transparent	1.20	21	17	14	12	10	9	8	8	7
	1.25	20	16	13	11	10	9	8	7	7
Black Colour	1.30	19	15	13	11	10	9	8	7	6
	1.35	19	15	12	11	9	8	7	7	6
	1.40	18	14	12	10	9	8	7	6	6
	1.45	17	14	11	10	9	8	7	6	6
General Colour	1.50	17	13	11	10	8	7	7	6	6
	1.55	16	13	11	9	8	7	6	6	5
	1.60	16	13	10	9	8	7	6	6	5
	1.65	15	12	10	9	8	7	6	6	5
High Density	1.70	15	12	10	8	7	7	6	5	5
	1.75	14	11	10	8	7	6	6	5	5

\*Sq. Meter per kg of powder

## COMPARATIVE COATINGS PERFORMANCE

PROPERTIES	EPOXY	HYBRID	POLYESTER		
			TGIC	PU	SUPER
Appearance	6	7	7	9	8
Hardness	9	8	6	6	6
Flexibility	8	8	8	8	6
Impact	8	6	8	8	3
Adhesion	9	8	8	8	5
Exterior durability	2	3	8	8	9
Corrosion resistance	9	8	6	6	6
Chemical resistance	8	7	8	6	8

Rating : 10 = excellent, 5 = average, 2 = poor

Super : TGIC - cured polyester using superdurable resin

Data quoted is typical but may vary from product to product

## CHEMICAL RESISTANCE OF POWDER

CHEMICALS	EPOXY	POLYESTER EPOXY	POLYESTER (TGIC CURED)
Fresh water	+	+	+
Salt water	+	+	+
Sulphuric acid 10%	+	+	+
Sulphuric acid conc.	-	-	-
Hydrochloric acid 10%	+	+	+
Hydrochloric acid conc.	±	±	±
Nitric acid 10%	±	-	-
Nitric acid conc.	-	-	-
Phosphoric acid 50%	+	+	+
Caustic soda 10%	+	±	±
Caustic soda 30%	+	-	±
Ammonia 10%	±	±	±
Acetic acid 10%	+	+	+
Tartaric acid 5%	+	+	+
Lactic acid 10%	+	+	+
Ethyl alcohol 96%	+	+	+
Methyl ethyl ketone	±	-	-
Acetone	-	±	-
Petroleum	+	+	+
Trichloroethylene	-	-	-
Glycerine	+	+	+
Triethylamine	+	+	+
Toluene	+	±	±
Methyl Chloride	-	-	-
Hydrogen peroxide 3%	±	-	-
Cyclohexanone	-	-	-
Linseed oil	+	+	+
Penetrating Oil	+	+	+

Resistance test by immersion at 20°C

+ Resistance good; ± Resistance limited; - Resistance poor



*Koskote*





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**KOSSAN PAINT MARKETING SDN BHD**

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