



### ***Comparison of Floor Coating Tech.***

Properties	Epoxy	Polyurethane	EPU (Hybrid)	Polyurethane Concrete
Brand	PanCoat SL	PolyCoat SL	EPUcoat SL	Polycreed
Chemistry	Bisphenol-A cured with Amine	Poly Isocyanate cured with Polyol	Urethane infused in Epoxy matrix	Urethane(water Based) , Aggregate
Thickness	2-5 mm	2-5 mm	2-5 mm	2-5 mm
Layer	Multi Layer	Multi Layer	Multi Layer	Single Layer
Finish	High Gloss	Semi Gloss	Semi Gloss	Matte
Moisture Tolerant	No	No	No	No
Wear Resistance (wt Loss)	78-105 mg	48-62 mg	55-75 mg	28-53 mg
Compersive Strength	60-65 Mpa	105-128 Mps	52-62 Mpa	48-58 Mpa
Tensile Strength	12-18 Mpa	10-13 Mpa	11-15 Mpa	5-8 Mpa
Flexural Strength	23-28 Mpa	18-24 Mpa	20-25 Mpa	15-20 Mpa
Abrasion Resistance	70-75 mg loss	32-38 mg loss	60-65 mg loss	70-80 mg loss
Skid Resistance CoF	0.12-20	0.15-0.20	0.11-0.20	0.20-0.60
Anti Microbial	-	Ultrafresh	Ultrafresh	Ultrafresh
Chemical Resistance	Yes	Yes	Yes	Yes
Thermal Shock Resistance	No	No	No	Yes
Heat Resistance	80D Cel.	70D Cel.	80D Cel.	95D Cel.

**Technical Service and Quality Assurance:**

*All information provided in this leaflet is based on results obtained from our own experience and testing which is given in good faith. The information is provided without guarantee as the user will be deemed to have satisfied themselves independently of the suitability of Pandia's product for the is own particular purpose. Pandia Poly cannot be held responsible for any errors.*

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