

SEW Design	Standard Dry indoor environment	OS2 ²⁾ Outdoor/splash exposure	OS4 Chemical wet operation
Suited for environments	Suitable for machines and systems within buildings and interior rooms with neutral atmospheres.	Suitable for environments with high humidity such as outdoor applications subject to direct weathering or indoor environments with splashing water	Suitable for environments with permanent humidity and severe atmospheric or chemical contamination. Regular acidic or caustic wet cleaning also with chemical cleaning agents.
Corrosivity category per ISO 12944-2	C1 (negligible)	C3 (moderate)	C5-I (severe)
Example applications	Systems in the automobile industry. Conveyor systems in logistics areas. Conveyor belts at airports.	Applications in amusement parks or water treatment facilities.	Washdown areas in the food and beverage industry. Port cranes.
Condensation test ISO 6270 – 2 (CH)	48h	120h	360h
Salt spray test DIN EN ISO 9227	-	240h	600h
Corrosion protection KS included	No	Yes	Yes
Select IP Rating	IP54 (standard)	IPx5 (x6 optional)	IPx6*
Drain Hole	-	DH	DH*

Top and base coats	Layer 4		2-Component Polyurethane Clearcoat
	Layer 3		2-Component Polyurethane Topcoat
	Layer 2		1-Component Acrylic Topcoat
	Layer 1	1-Component Acrylic Topcoat	1-component Acrylic Primer Base
Nominal Dry Film Thickness (mils) ¹⁾	1.5 - 2	3 - 4	6 - 8
Standard colors	RAL 5001 Green Blue (default), Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black, RAL 7031 Blue Gray		Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black

* - If solids can clog DH plug, use option IP46 (same as IP66 without DH plug).
1) – Typical values for layer thickness may vary based on geometrical complexities of the product.
2) – OS2 is the minimum standard protection category for IG units.

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