



POLYVINYLIDENE FLUORIDE (PVDF)

PVDF belongs to premium mono-colored coatings, possesses excellent weather resistance properties and tolerates forming well. It offers extremely good corrosion resistance and is well suited for buildings in the harshest environments, like those near a coastline. Since the coating contains fluorine, the surface stays cleaner compared to other products. However, if needed the coating is also easy to clean due to its hard surface.

Properties	<ul style="list-style-type: none"> • Very good color and appearance stability • Good corrosion and UV resistance • Very good chemical resistance 	
Application	Super durable and resistant coating for external building and premium industry applications (especially buildings in aggressive environment)	
Description	Thickness	25 microns Dual side option
	Gloss	10 ~ 40% (can be regulated upon request)
	Colors	RAL or RR palette (color matching possible upon request) / Pattern
	Surface condition	Smooth
	Surface protection	Protective film available upon request
Performance	Adhesion of the coating (T-Bend)	0T (no loss of adhesion)
	Impact resistance	18J
	Surface pencil hardness	F~H
	Scratch resistance	≥ 2 kg
	Corrosion resistance	500 h / 1500 h RC4
	UV resistance	ΔE ≤ 2; GR ≥ 80% RUV 4
	Fire behavior classification (EN 13501-1)	A1
	Highest operation temperature	90°C
	Resistance to acids and bases	Good to very good
	Resistance to solvents:	<ul style="list-style-type: none"> • Very good • Good • Good to very good
	Resistance to mineral oils	Very good
Warranty	Rural / Civil / Industrial Environment	Crack, Peel off 40 years
		Fading, Chalking 25 years