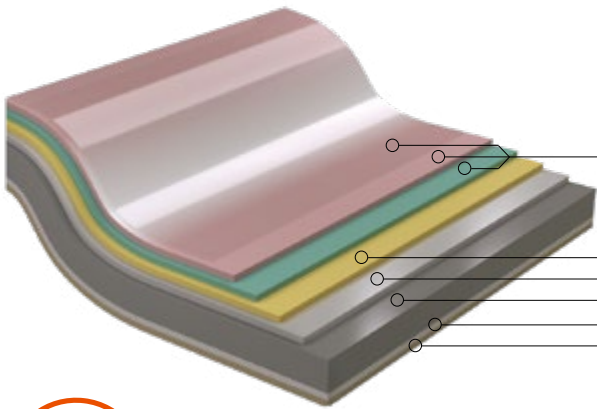


Pearl

Prestige



PVDF varnish and top coat :
50 microns

Primer : 10 microns
ZMEvolution®
Steel
ZMEvolution®
Back coat



Properties and applications

Excellent anti-staining properties
Excellent resistance to chemical agents, ultraviolet rays, corrosion, abrasion and erosion
Excellent color and appearance stability
Very good flexibility



Harsh urban



Industrial



Sand wind



Strong marine sunning

> Available with anti-graffiti Flontec® functionality

Pearly shine

Applicable standards

Metal substrate

EN 10346: 2015

CSTB: ETPM ZMEvolution®

Zulassung Z-30.11-61

Organic coating

EN 10169: 2013

CSTB: ETPM ZMEvolution®

Zulassung Z-30.11-61

Coating description

Composition

Thermoplastic fluoride resin (70%)

Front: 10 µm of primer - 50 µm of PVDF top coat and varnish

Back: Back coat category **CPI2**

Possibilities

Back: 60 µm on request

Gloss

Nominal: 30 GU

Coating class

Indoor environment

Category **CPI5** (NF EN 10169)

Outdoor environment

Category **RUV4 and RC5** (NF EN 10169)

Category **C4** (Zulassung Z-30.11-61)

Coating properties

Paint hardness	Pencil hardness	HB-F	Color Gloss	UV resistance	$\Delta E \leq 2$ Gloss retention $\geq 80\%$
	Sand blasting	120 liters		Corrosion	Salt spray test
Abrasion resistance	TABER	25 mg	Chemical agents		Humidity resistance
	Brutal indentation	No peeling		Consult us	Acids and bases > Very good
Flexibility at 20 °c	Bending	2t without cracking	Fire behavior		Mineral oils > Very good
	ERICHSEN	Very good		Aliphatic solvents > Very good	Aromatic solvent > Very good
Thermal resistance	Oven	Maxi : 100°C	Volatil organic compounds	Euroclass	A1 Single skin with 15µm polyester back coat
				TVOC(C6-C16) 285329,5 µg/m³ CMR : benzene <0,6µg/m³ Formaldehyd 7,9µg/m³	

Any trust guarantee must be validated/authorized by ArcelorMittal Construction and the durability will be defined by our specialists after analysis of the environmental questionnaire.