

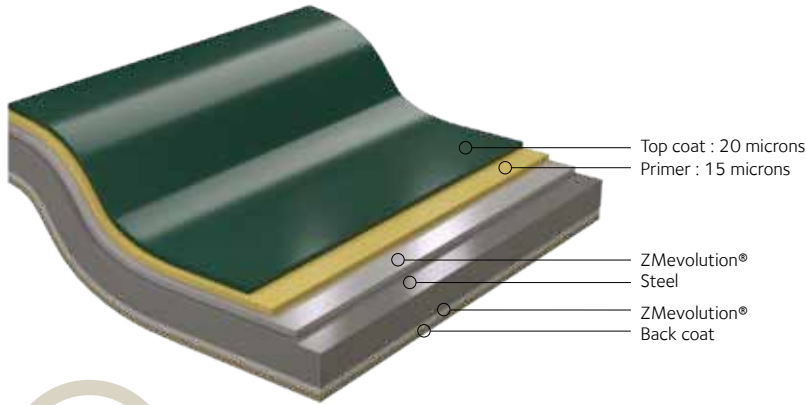


Hairflon® 35

Freedom



ArcelorMittal



PVDF Technology

Standards in force

Metal substrate

EN 10346: 2015
CSTB: ETPM ZMevoLution®
Zulassung Z-30.11-61

Organic coating

EN 10169: 2010
CSTB: ETPM ZMevoLution®
Zulassung Z-30.11-61

Coating description

Constitution

PVDF based thermoplastic fluoride resin (70%)
Front: 15 µm of primer - 20 µm of top coat
Back: Back coat category **CPI2**

Possibilities

Back: 35 µm on request

Gloss

Nominal: 20 GU

Properties and applications

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



Urban



Marine



Industrial



Strong sunning

Coating properties

Paint hardness	Pencil hardness	HB-B	Color Gloss	UV resistance	$\Delta E \leq 2$ Gloss retention $\geq 60\%$
	Sand blasting	80 liters		Corrosion	Salt spray test
Abrasion resistance	TABER	25 mg	Chemical agents		Humidity resistance
	Flexibility at 20 °c	Brutal indentation		No peeling	Acids, bases and solvents
Bending		2t without cracking	Acid nitric vapor	> Very good	
ERICHSEN		Very good	Mineral oils	> Very good	
Thermal resistance	Oven	Maxi : 100°C	Fire behavior	Euroclass	Depending application. Consult us.

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.