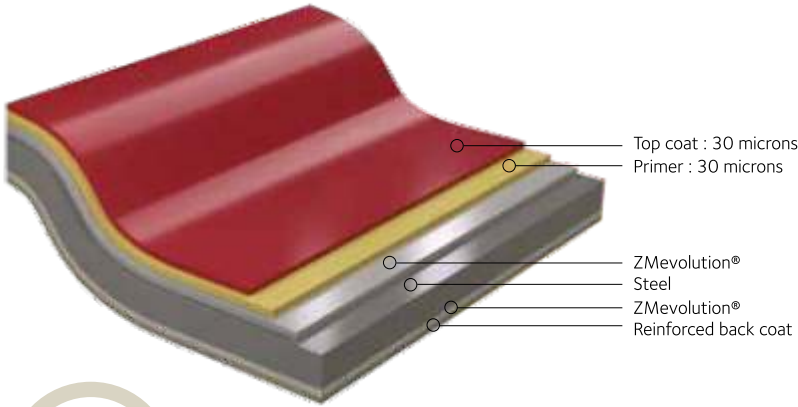




Hairexcel®

Excellence



Properties and applications

Very good chemical agents resistance
 Excellent resistance to corrosion, ultraviolet rays, abrasion and scratches
 Excellent color and appearance stability
 Very high durability

> Available with anti-graffiti Flontec® functionality



Harsh urban



Industrial



Marine



High humidity

Coating properties

Paint hardness	Pencil hardness	H-F	Color Gloss	UV resistance	$\Delta E \leq 2$ Gloss retention $\geq 80\%$
Abrasion resistance	Sand blasting	120 liters	Corrosion	Salt spray test	750 hours
	TABER	40 mg		Humidity resistance	1500 hours
Flexibility at 20 °c	Brutal indentation	No peeling	Chemical agents	Acids, bases and solvents	Acids and bases > Very good
	Bending	2t without cracking			Acid nitric vapor > Very good
Thermal resistance	Oven	Maxi : 100°C	Fire behavior	Euroclass	A1

Design for life

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

Composition

Composite coating
 Front: 30 µm of primer – 30 µm of top coat
 Back: Back coat category **CPI2**

Possibilities

Back: 60 µm on request

Gloss

Grained aspect: gloss 30 GU
 Particularly bright metallized colors

Coating class

Indoor environment

Category **CPI4** (NF EN 10169)

Outdoor environment

Category **RUV4 and RC5** (NF EN 10169)
 Category **C4** (Zulassung Z-30.11-61)

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.

ArcelorMittal Construction Nederland