

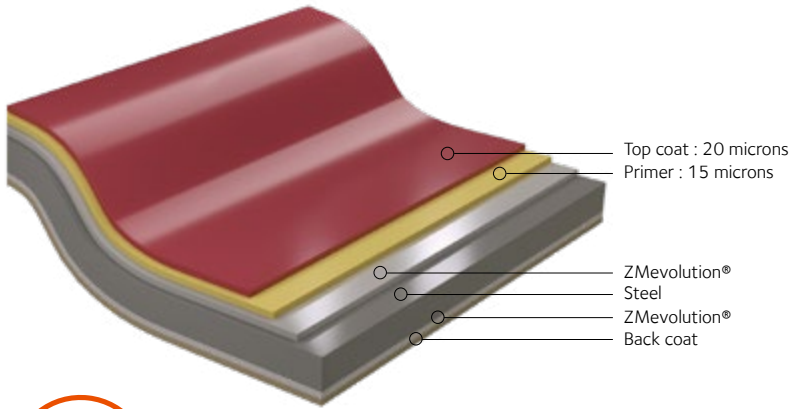


# Hairultra®

## Freedom



ArcelorMittal



### Colors and performances

#### 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**  
 Thermosetting polyester resin  
 Front: 15 µm of primer - 20 µm of top coat  
 Back: Back coat category **CPI2**

**Possibilities**  
 Back: 35 µm on request

**Gloss**  
 Nominal: 30 GU

### Properties and applications

Very good resistance to corrosion  
 Good color and appearance stability  
 Good durability outside  
 Good forming ability

> Available with anti-graffiti Flontec® functionality



Urban



Marine



Industrial



Strong sunning

#### Coating class

**Indoor environment**  
 Category **CPI4** (NF EN 10169)

**Outdoor environment**  
 Category **RUV4 and RC4** (NF EN 10169)  
 Category **C3** (Zulassung Z-30.11-61)

### Coating properties

Paint hardness	Pencil hardness	F-H B	Color Gloss	UV resistance	$\Delta E \leq 3$ Gloss retention $\geq 80\%$
	Sand blasting	40 liters		Corrosion	Salt spray test
Abrasion resistance	TABER	60 mg	Chemical agents		Humidity resistance
	Brutal indentation	No peeling		Acids, bases and solvents	Acids and bases
Flexibility at 20 °c	Bending	2t without cracking	Consult us		Mineral oils
	ERICHSEN	Very good		Aliphatic solvents	> Very good
Thermal resistance	Oven	Maxi : 90°C	Fire behavior	Aromatic solvent	> Good
	Volatil organic compounds			Ketonic solvents	> Poor
				Chlorine solvents	> Poor
				Euroclass	A1
				TVOC(C6-C16) 21,5 µg/m³ CMR : benzene 0,9µg/m³ Formaldehyd :14,5µg/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.