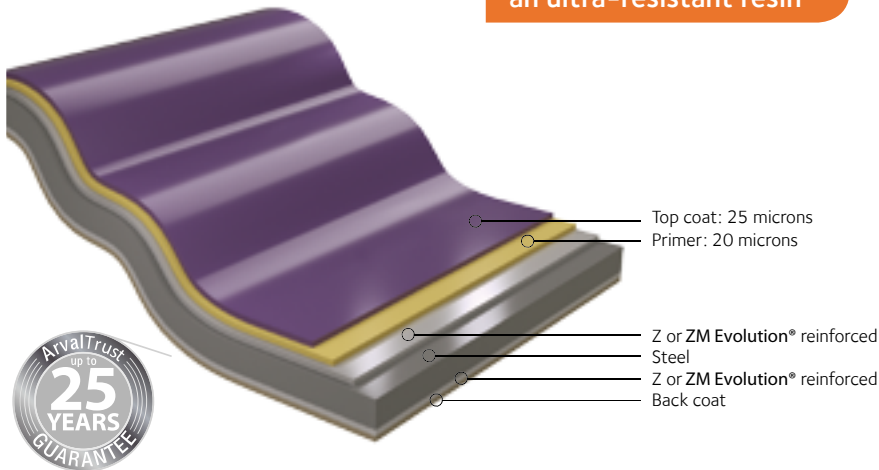


Combination of an ultra-performing metallic coating and an ultra-resistant resin



A new generation of pre-painted steels

Standards in force

Metal substrate

NF EN 10346
CSTB agreement (AC2012697)
DIBT (Z-30.11-61) or SITAC SC0799-13

Organic coating

XP P 34-301 et NF EN 10169

Coating description

Composition

Composite coating
Front: 20 µm of primer - 25 µm of top coat
Back: Back coat class **II** or category **CPI2**

Possibilities

Back: 45 µm on request

Gloss

Grained aspect: reduced gloss 30 GU

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



Sand wind



Industrial



Harsh urban



Strong marine sunning

Coating class












Indoor environment

Category **IV b** (XP P 34-301)
Category **CPI4** (NF EN 10169)

Outdoor environment

Category **VI** (XP P 34-301)
Category **RUV4 and RC5** (NF EN 10169)

Coating properties

Paint hardness	 Pencil hardness	H-F	Color Gloss	 UV resistance (lab test)	$\Delta E \leq 2$ Gloss retention $\geq 80\%$
Abrasion resistance	 Sand blasting	90 liters	Corrosion	 Salt spray test	750 hours
	 TABER	40 mg		 Humidity resistance	1500 hours
Flexibility	 Brutal indentation	No peeling	Chemical agents	 Acids, bases and solvents Consult us	Acids and bases > Very good
	 Bending	2t without cracking			Nitric acid vapors > Very good
Thermal resistance	 Oven	Maxi: 100°C	Fire behavior	 Euroclass	Mineral oils > Very good
					Aliphatic solvents > Very good
Volatil organic compounds	 Emissions	A+, according french labelling	A+, according french labelling	A+, according french labelling	Aromatic solvents > Good
					Ketonic solvents > Poor
Fire behavior	 ERICHSEN	Very good	Single skin	A1	> Poor
					Double skin

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