

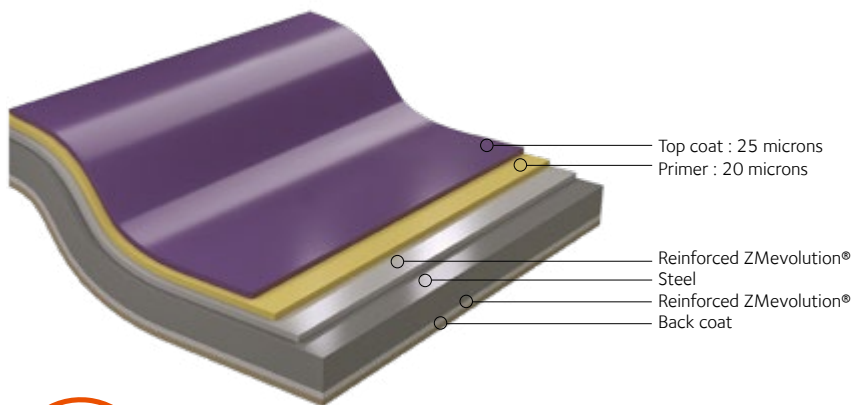


R'unik

Excellence



A new generation of pre-painted steels



Applicable standards

Metal substrate
EN 10346: 2015
CSTB: ETPM ZMEvolution®
Zulassung Z-30.11-61

Organic coating
EN 10169: 2013
CSTB: ETPM ZMEvolution®

Coating description

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

Possibilities
Back: 45 µm on request

Gloss
Grained aspect: reduced gloss 20 GU

Coating class

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

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

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 properties

Paint hardness	Pencil hardness	H-F	Color Gloss	UV resistance	$\Delta E \leq 2$ Gloss retention $\geq 80\%$
	Sand blasting	120 liters		Corrosion	Salt spray test
Abrasion resistance	TABER	40 mg	Chemical agents		Humidity resistance
	Brutal indentation	No peeling		Consult us	Acids and bases
Flexibility at 20 °c	Bending	2t without cracking	Acids, bases and solvents		Acid nitric vapor
	ERICHSEN	Very good		Mineral oils	> Very good
Thermal resistance	Oven	Maxi : 100°C	Fire behavior	Aliphatic solvents	> Very good
	Volatil organic compounds			Aromatic solvent	> Good
				Ketonic solvents	> Poor
				Chlorine solvents	> Poor
				Euroclass	A1
				TVOC(C6-C16) 11,8 µg/m³ CMR : benzene <0,7µg/m³ Formaldehyd 3,9µg/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.