

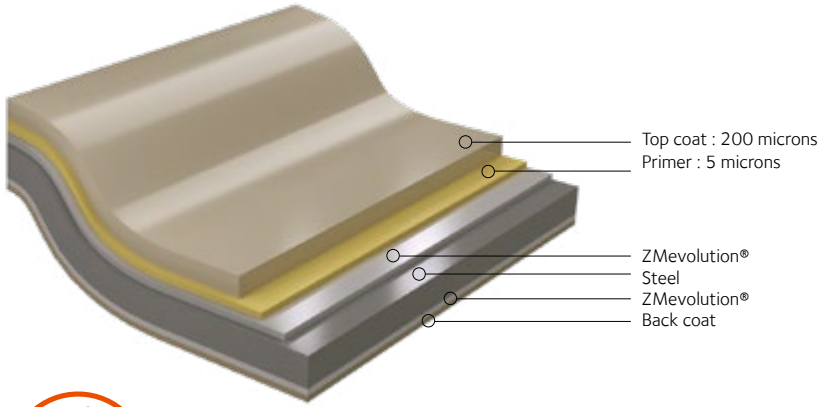


Keyron® 200

Freedom



ArcelorMittal



Strength & Durability

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

Polyvinyl chloride based thermoplastic resin
phtalate free
Front: 5 µm of primer - 200 µm of top coat
Back: Back coat category **CPI2**

Possibilities

Front: embossed or smooth aspect
Back: 150 µm on request

Gloss

Nominal: 30 GU

Properties and applications

Very good behavior in corrosive and aggressive atmospheres
Very good flexibility
Very good resistance to abrasion thanks to high thickness
Recommended when the indoor environment is severe



Sand wind



Industrial



Marine



High humidity

Coating properties

Coating class

Indoor environment

Category **CPI5** (NF EN 10169)

Outdoor environment

Category **RUV3 and RC5** (NF EN 10169)

Paint hardness	Pencil hardness		Color Gloss	UV resistance	$\Delta E \leq 3$ Gloss retention $\geq 60\%$
Abrasion resistance	Sand blasting	500 liters	Corrosion	Salt spray test	500 hours
	TABER	30 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 : 80°C	Fire behavior	Euroclass	CS-2, d0 with a back coat of 12µm polyester or epoxy

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.