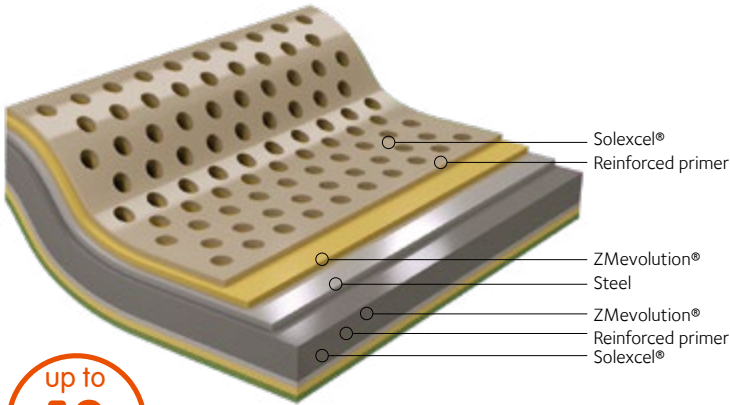




# Solexcel®

## Excellence



up to  
**10**  
years warranty

### Properties and recommendations

Excellent resistance to ultraviolet, abrasion, scratches  
Excellent stability of color and aspect



Sun-screen

For sun-screens

### 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**

Composite coating  
Top coat: Solexcel® on reinforced primer  
Back coat: Solexcel® on reinforced primer

**Gloss**

Grained aspect, smooth gloss

We recommend the perforations R10T14 and R6T10, especially adapted for sun-screens.

Zinc coating	Rural non polluted	Urban and industrial		Marine				Special	
		Normal	Severe	20 to 10 km	10 to 3 km	3 to 1 km*	Mixed*	High U.V	Special
Solexcel® 60/60	A	A	B	A	B	B	C	A	C

**A**: the product is suitable

**B**: as per survey

**C**: the product is not suitable

For others thicknesses, please consult us.

### 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	A2, S-1, d0