Get the look and protection you need with RIPOL architectural powder coatings

RIPOL
the Power of Colour



RIPOL SERIES 5 offers a complete range of products that meet the requirements of the main international certifications for the coating of aluminum architectural components in terms of weathering resistance, gloss and colour retention, film flexibility, and mechanical properties. All products are manufactured and tested in accordance with strict industry-standard quality control procedures to ensure excellent performance, batch consistency, safety, and conformity. The RIPOL architectural range is designed to meet the different levels of exterior durability required in the architecture sector.

RIPOL SERIES 5 DURABLE SYSTEMS

Offers durable polyester systems that meet QUALICOAT Class 1 and GSB Florida 1 specifications providing good colour and gloss retention. It comes in over 250 stock colours and effects and custom colour matching is alsoavailable.

RIPOL SERIES 59 SUPER DURABLE SYSTEMS

Offers super durable polyester systems that meet the QUALICOAT Class 2 and GSB Florida 3 specifications. They provide better weatherability with a higher resistance to fading and chalking, and a higher level of gloss retention. RIPOL Series 59 will add first class protection and decoration to any architectural project. It is available with limited stock products and can also be custom madeto order.

GSB INTERNATIONAL

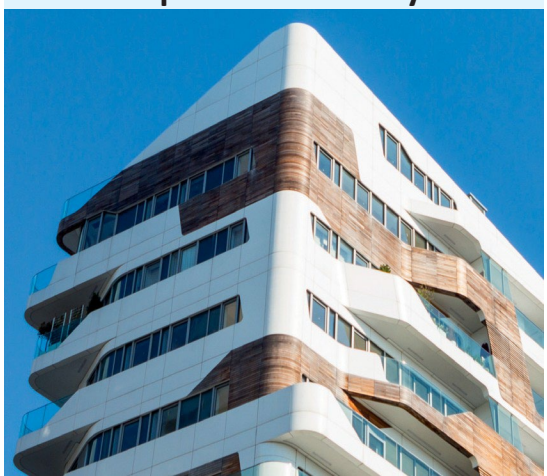
QUALICOAT
Inspired by architecture, trusted by professionals

- Façade systems
- Window frames
- Curtain walls
- Urban furniture
- Lighting systems
- Railings

Advanced technology



Superior durability



Environmentally friendly



Technology, Innovation, Service and Performance



RIPOL Series	Gloss - 60°		Finish	Durability		Approvals Alu	
				Standard	high	QUALICOAT	GSB
59L	glossy	85±5	smooth		✓	Class 2	Florida 3
59L/S0	semigloss	75±5	smooth		✓	Class 2	Florida 3
58L	glossy	85±5	smooth	✓		Class 1	Florida 1
58L/S0	semigloss	75±5	smooth	✓		Class 1	Florida 1
56L	semigloss	60±5	smooth	✓		Class 1	
55R	matt	nd	textured	✓		Class 1	
52L	matt	25±5	smooth	✓		Class 1	Florida 1

FINISHES & COLOURS

All surfaces are available in a variety of gloss levels in solid colours and special effects:

- Major colour systems, including RAL
- Pearl mica effects
- Marble effects
- Customized shades

SERIES 5 - TECHNICAL PROPERTIES

PROPERTIES	VALUES	METHOD
Cross-cut adhesion test	GT 0	EN ISO 2409
Erichsen cupping	≥ 6 mm	EN ISO 1520
Buchholz Hardness	≥ 80	EN ISO 2815
Direct Impact	≥ 2.5 Nm	EN ISO 6272
Flexibility	Pass 5 mm (tape pull test)	EN ISO 1519
Mortar Resistance	No effect after 24 hours	EN ISO 12206-1
Accelerated weathering Xenon Series 59	1000 h: > 90% residual gloss (1)	EN ISO 16474-2
Q-UVB Series 59	600 h: > 50% residual gloss (1)	EN ISO 16474-3
Xenon Series 58/56/55R/52	1000 h: > 50% residual gloss (1)	EN ISO 16474-2
Q-UVB 58/56/55R/52	300 h: > 50% residual gloss (1)	EN ISO 16474-3
Florida Test (5° south) Series 59	after 3Y: > 50% residual gloss (1)	EN ISO 2810
Florida Test (5°S) 58/56/55R/52	after 1Y: > 50% residual gloss (1)	EN ISO 2810
Condensation test	1000 h: max 1 mm	EN ISO 6270-2
Acetic Acid Salt spray	1000 h: (2)	EN ISO 9227

(1) Gloss retention vs. initial value - result depending on colour and gloss; (2) < 16 mm² corrosion over a scratch length of 10 cm.

CURE CONDITIONS (Object Temperature °C) RIPOL Series 58 /56 /55R
180°C 15-25 min
190°C 12-17 min
200°C 10-12 min
RIPOL Series 59 /52
180°C 20-25 min
190°C 15-20 min
200°C 10-15 min

ENVIRONMENTALLY FRIENDLY

RIPOL powder coatings are eco-friendly, do not contain any solvents and no Volatile Organic Compounds (VOCs) are released into the air. Any powder overspray can be recycled with minimal wastage, and disposal is easy and safe. In addition, all our products are heavy metal-free.

RIPOL Srl
Corporate Office
Via donatori del Sangue, 25/A
I-20010 Santo Stefano Ticino - Milan - Italy
Tel. +39 02 97 48 411
sales@ripol.com
Registered Office
Via Tiziano, 32
I-20145 Milan - Italy

Our experienced staff can provide customized solutions to the most difficult application problems