

# **Expand Your Horizons with Designer Colours and Unrivalled Performance**

Our innovative coating solutions  
combine unbeatable wear resistance  
with superb designer finishes

**High End Deco**



### Wristwatches

High-end colours for cases and components. Highly resistant to scratches and abrasive wear. Excellent resistance to chemicals (alcohol). Hypoallergenic.



### Vehicle interiors

Stylish colouring for metal and metalized plastic trim. Highly resistant to scratches and abrasive wear. Guaranteed compliance with the strictest safety requirements.



### Writing implements and office equipment

Substitute for gold, palladium, and rhodium plating. Attractive colours. Resistant to scratches and abrasive wear. Excellent resistance to chemicals and to corrosion caused by sweat. Hypoallergenic.



### Plumbing fixtures

Exquisite colouring on metal and metalized plastic components. No surface texture irregularities. Highly resistant to abrasive wear and scratches. Excellent resistance to chemicals.



### Consumer electronics

Colours for metallic and ceramic outer parts: elegant and resistant to scratches and abrasive wear.



# Oerlikon Balzers is the key to redefining aesthetics

Interested in seeing your customers brimming with excitement? Oerlikon Balzers' wear protection colour coatings are guaranteed to achieve that effect when used to finish your products – and all with an extremely wide selection of colours,

long life, and high performance. The result? Greater scope for inspiration, creation, and production than ever before – all made possible by the world's technology leader in wear protection solutions.

## **Decorative coatings: Wear protection solutions with an engaging design.**

Oerlikon Balzers' latest innovation is characterized by a large variety of elegant colours and, accordingly, by its decorative appeal. In addition, it is hard and resistant to wear and scratches as needed for decorative appliances.

## **BALINIT: Radiant colour coatings known throughout the world.**

With their extreme hardness, extraordinary wear resistance, and high resistance to scratches, Oerlikon Balzers' BALINIT® coatings leave nothing to be desired. In addition, the wide range of colours in which they are available make them ideal for decorative use.

## **BALIQ Design: An innovative coating generation with a wide variety of colours.**

BALIQ DESIGN coatings offer revolutionary coating properties, such as extreme smoothness and excellent hardness in many colours. Or, to put it more simply, sophisticated style and wear protection all in one single coating!



## **COLOUR COATINGS**

### **GOOD TO KNOW!**

**PVD:** the key to innovative colour coatings Physical Vapour Deposition is an environmentally friendly, purely physical coating method in which a vacuum chamber is used to vaporize solid metal and deposit it on the substrate being coated, after which the vapour is condensed in order to form the desired coating. The result? Highly durable, decorative colour coatings.

# Exclusive colour variations that always hit the mark

Oerlikon Balzers offers wear protection coatings with a wide range of colours that is unrivalled in the industry, meaning that the perfect colour for your design and product ideas is always just around the corner. In addition, these coatings feature properties such as extreme hardness and a high resistance to abrasive wear and scratches.

## The exact colours you want.

Oerlikon Balzers can also formulate custom colours. Let us know what your specific needs are and we will get to work on the ideal solution for your application.



## Performance overview

	Decorative coatings	BALINIT®	BALIQ™
Hardness	++	+++	+++
Resistance to scratches	+	++	+++
Resistance to abrasive wear	+	++	+++
Colours	+++	+	+
Resistance to chemicals and to corrosion caused by sweat	++	++	++
Hypoallergenic	++	++	++



**Willi Birk, PoinTec CEO**

“Oerlikon Balzers is always there for us when it comes to developing premium watch cases for Junkers – their expert know-how and innovative coating solutions have proven to be invaluable time and time again. As part of the services they provide for us, they coat samples for our prototype operations, always making sure to do it right and do it quickly. They’re simply perfect!”

## COLOUR COATINGS

### GOOD TO KNOW!

A wide variety of substrates can be coated with a colour coating.

**Metalized plastics:** ABS, PC, PC/ABS, PC/PBT etc.

**Metal:** Stainless steel, aluminum, titanium alloys, aluminum alloys, etc.

**Try our latest innovations now**

## **Take advantage of our innovative colour coatings Drop us a line or give us a call!**

With our one-of-a-kind network with more than 90 coating centres worldwide, you can be sure that we will always be right there for you and your specific needs. Check us out for yourself!

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