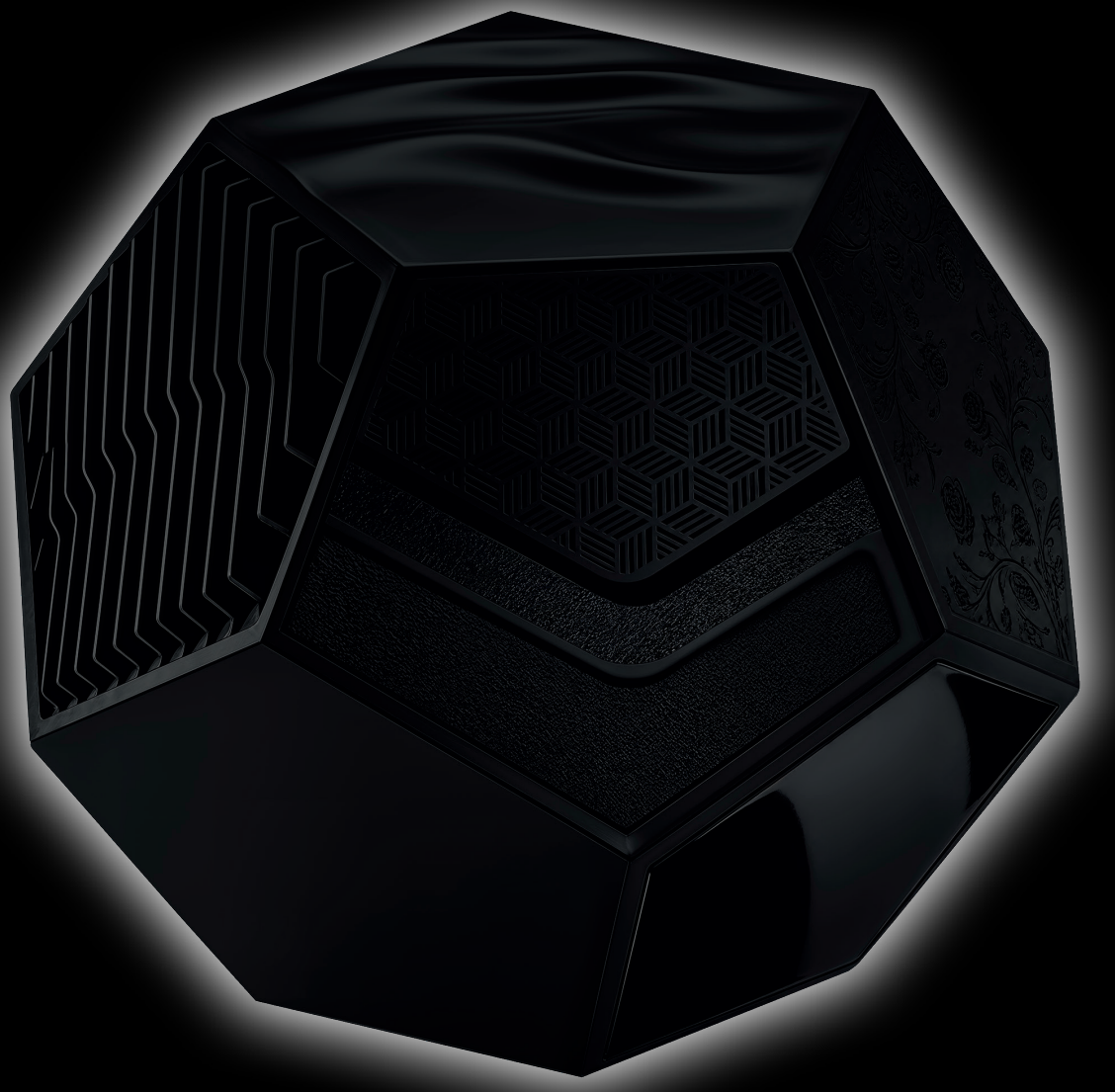
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BALTONE ABSOLUTE BLACK

Designed to be touched



Ultra-deep black I Reduced fingerprint visibility I Precise surface replication

BALTONE ABSOLUTE BLACK – black without compromise

For decades, designers and manufacturers have pursued the perfect black surface.

Yet achieving a truly deep-black appearance has often required compromises. Conventional surface-finishing solutions may sacrifice durability, reveal fingerprints after handling, or obscure the fine surface textures that give products their distinctive character.

BALTONE® ABSOLUTE BLACK overcomes these limitations with an advanced decorative PVD coating engineered for premium products and demanding technical applications.

The result is a black coating that combines premium aesthetics with everyday functionality.

Ultra-deep black

With an L* value of approximately 22, BALTONE® ABSOLUTE BLACK delivers exceptional visual depth and a sophisticated appearance.

Designed to be touched

Reduced fingerprint visibility helps frequently handled surfaces maintain a clean, premium appearance.

Built to last

High hardness supports excellent resistance to wear and everyday use while preserving the product's appearance over time.

Precise surface replication

The ultra-thin PVD coating follows the contours of the substrate with exceptional precision, preserving even the finest surface textures and details.

Consistent across geometries

From flat surfaces to complex three-dimensional components, the coating delivers a uniform appearance throughout the part.

Low reflection

Low-reflection properties make the coating suitable for applications where stray light and unwanted reflections must be minimized.

One coating – different reasons to choose it

Whether the objective is premium appearance or reflection control, BALTONE® ABSOLUTE BLACK opens new possibilities for metallic components.

Designed to be seen and touched

For products where appearance, touch and long-lasting surface quality shape the customer experience.

- Watches, jewelry and accessories
- Kitchen and sanitary components
- Writing instruments
- Sporting goods and personal care products
- Automotive interiors and controls

Designed to reduce unwanted reflection

For applications where controlling stray light and minimizing reflection are critical to performance.

- Optics and sensors
- Laser systems
- UV and analytical equipment
- Semiconductor equipment
- Non-powered medical instruments

Your design remains your design. Only darker and more durable.

More than a decorative coating

BALTONE® ABSOLUTE BLACK combines ultra-deep black aesthetics with the performance of an advanced PVD coating. Its unique combination of properties makes it suitable for both premium consumer products and demanding technical applications.

Technical key features

Color	Ultra-deep black
L* value	Approx. 22
Coating technology	Advanced PVD
Coating hardness	10 GPa
Process temperature	Approx. 250°C
Temperature stability	Approx. 500°C
Compliance	REACH / RoHS

* All values are approximate and depend on substrate, component geometry, operating conditions and test method.

Compatible substrates
Stainless steel, titanium, aluminum, electroplated brass, electroplated zinc

Is BALTONE ABSOLUTE BLACK right for your application? Talk to our experts about your specific requirements.

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