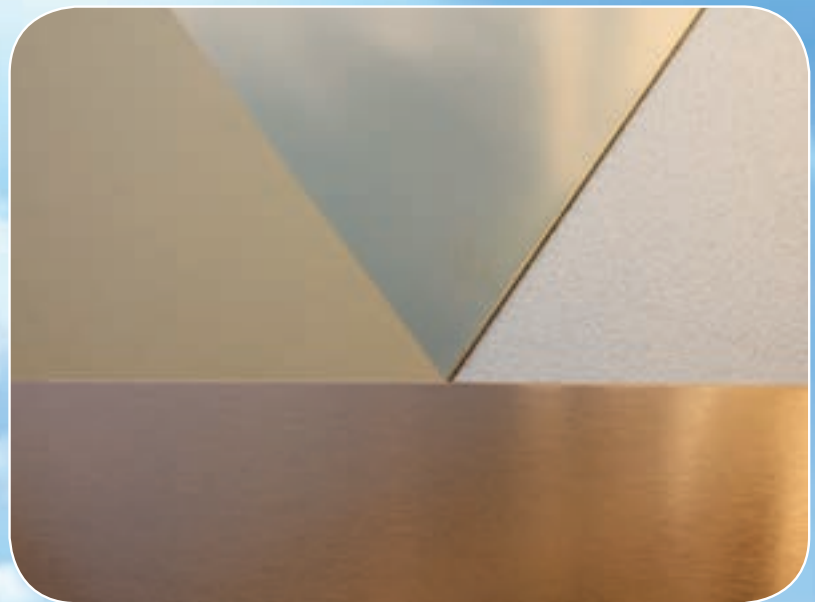




ArcelorMittal

# AMBIENT<sup>®</sup> STAINLESS



**Aesthetics First!**  
The Colored Stainless Steel

**Arceo**

# AMBIENT® STAINLESS

## Arceo

As a world leader in steel manufacturing, **ArcelorMittal** strives to stay at the forefront in coating processes.

With **R&D** centres that employ 1,300 people and have an annual budget of \$190 million, the groupe is continuously developing new products and **supporting its customers** by researching and developing new steel-based systems.

**ARCEO**, a subsidiary company of **ArcelorMittal**, is located in Liège (Belgium) and has an industrial production line totally dedicated to **new coating technologies**, such as PVD (Physical Vapour Deposition). The principle of PVD consists of depositing a coating material on a sheet under vacuum. This allows us to deposit a nanometric layer of virtually any existing material, very homogenously along the strip.

This technology enables many different types of new development that can be applied to every market in which ArcelorMittal is active, as well as new ones.



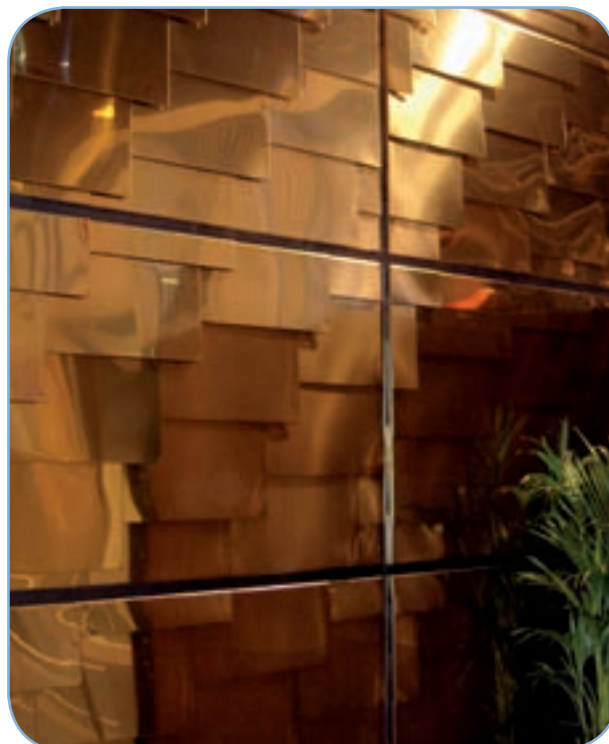
## ⇒ Ambient® Stainless product

We live in an era where technology provides endless possibilities.

Standing at the root of emerging trends, Arceo embarks on the path of aesthetical materials and comes up with a range of colored stainless steel.

Ambient® Stainless has been designed especially for outdoor and indoor decoration (cladding, elevators, automotive, ceilings, furniture...).

Ambient® Stainless is available in three colors that can be combined with various surface finishes (brushed, bright, mat, satin...).



# Aesthetics First!

## The Colored Stainless Steel

### ⇒ Product Overview

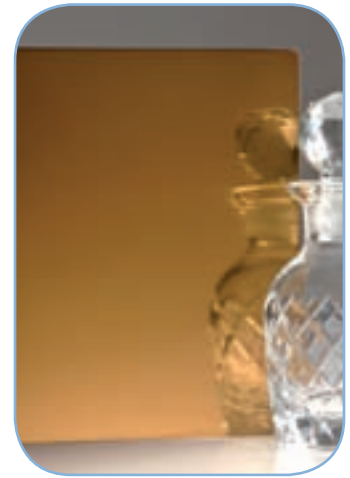
- Available colors:
  - Ti-Gold
  - Ti-Light (champagne)
  - Ti-Black (coming soon...)
- Ambient® Stainless preserves the aesthetical and technical properties of the stainless substrate: corrosion resistance, bending, stamping, drilling
- Ambient® Stainless can be obtained with UGIBRIGHT, UGILINE, UGITOP, UGITEX, or every stainless substrate available on coil
- Easy maintenance
- This product is compatible with joining techniques such as crimping, riveting and adhesive bonding
- Ambient Stainless is environmentally friendly and fully recyclable

### ⇒ Supply specifications

- Thickness: from 0.4 mm to 1.5 mm  
Thinner thicknesses on request
- Width: up to 1500 mm
- Possibility to add an anti-fingerprint layer
- Delivery form: coils, slit coils or sheets
- Temporary protection: strippable film
- Standard packaging: paper on wooden pallet
- Standard treatment: on one face of the sheet  
double-faces treatment on demand

### ⇒ Product advantages

- Metallic aspect of the stainless substrate better preserved than with organic paintings
- Homogenous coloration on one entire batch
- Better mechanical properties than aluminum
- Same mechanical properties and formability as bare stainless steel
- Cost effective alternative
- Energy-efficient and environment-friendly process of coloration (PVD)



# AMBIENT<sup>®</sup> STAINLESS

## Arceo



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Transforming tomorrow



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