

Arceo[®]

ENGINEERING

S P E C I A L T Y C O I L C O A T E R



EMBELLISH



PROTECT



OPTIMIZE

TECHNICAL APPROACH

Our **R&D background** stands for a profound technical approach for the product itself and the support offered to our customers.

We maintain close contact with universities and research centers for advanced product developments.

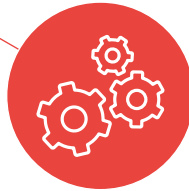
We offer extended experience in **color matching**.

FLEXIBILITY IS OUR MOTTO

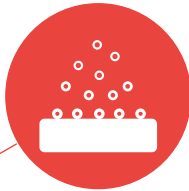
Non ferrous substrates, up to 4 coating layers, thin substrates down to 0.17mm, double sided-coating, protective films, PVD and Organic coating combined, down to 10t. Just ask us !

CO-DEVELOPMENT

Our highly skilled industrial team is specialized in co-development for **tailor made solutions**. Challenge us !



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ENGINEERING



PVD COATING OPENS THE DOOR TO NEW TECHNOLOGICAL BREAKTHROUGHS

Our continuous Physical Vapor Deposition line (**PVD**) allows for new applications :

Easy Clean for façades : this TiO₂ treatment allows easier dirt evacuation with rain droplets

ShieldArceo improves energy efficiency of ovens

TiN coating gives a gold appearance to stainless steel, while leaving the substrate finish unaltered.



LOCALISED IN THE HEART OF EUROPE

Located in East Belgium, near the city of Liège, ARCEO Engineering is at the heart of an **extended logistics network** covering Belgium, France, The Netherlands and Germany.

MULTIPLE SERVICES

Logistics, pre-sales technical analysis, after-sales support, lead time optimization are part of our regular services.

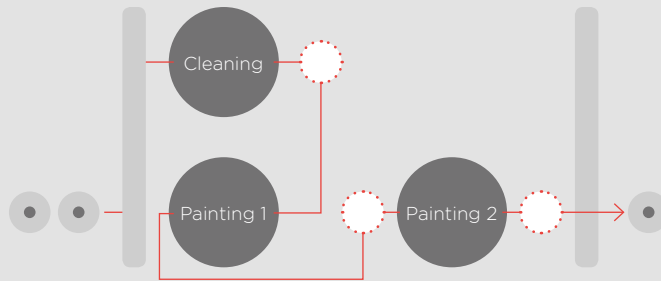
While our business approach is usually toll job based, we can envisage other business models with our customers.

PRODUCTION LINE DESCRIPTION

ORGANIC COATING LINE

Organic Coating line (OC)

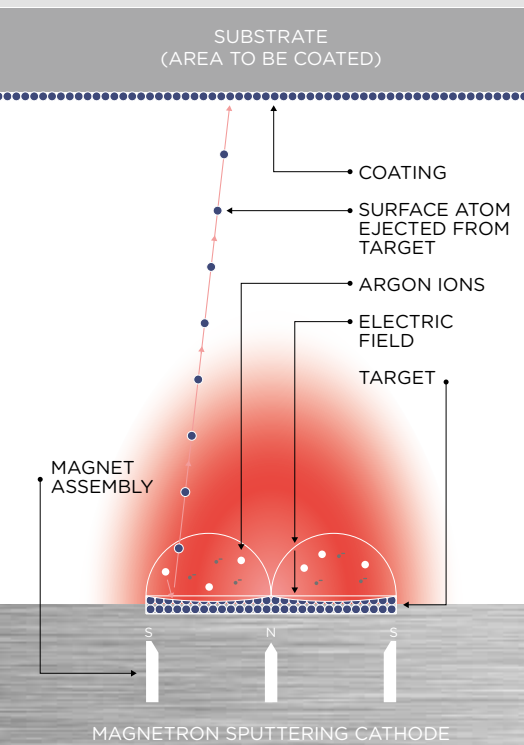
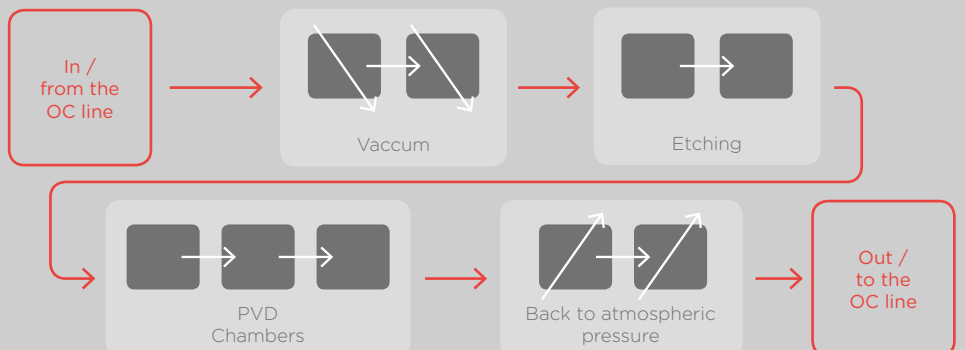
- Width: from 700 to 1500 mm
- Substrate thicknesses: from 0.17 to 1.5mm
- Multi «substrates»: flat carbon steel, stainless steel, aluminium, zinc
- Multi layers surface treatments
- Protective films
- Colour matching



PHYSICAL VAPOUR DEPOSITION LINE (PVD)

PVD line

- Width: from 700 to 1500 mm
- Substrate thicknesses: from 0.17 to 1.2mm
- Multi «substrates»
- Environmentally friendly



SUBSTRATES



STEEL

Hot-dip galvanised steel and other metallic coated steels

- Outdoor standard coloured coating solutions for cladding and roofing applications in a wide range of aesthetic colours, primers and final coat thicknesses
- Indoor standard coloured coating solutions in a wide range of aesthetic colours, primers and final coat thicknesses.
- Ultra strong PVDF coating for severe outdoor use or high-end architectural use
- Easy-clean coating on color base coat for wall cladding, roofs and garage doors (PVD TiO₂ technology)
- Mat coating for ceiling grids (thickness 0.18mm to 0.25mm): capping, ceiling grids, ceilings and indoor panels
- Pre-glued galvanised steel for PVC film lamination for panels and floors
- Pre-painted steel for whiteboard applications.

Aluminium-silicon coated steel

- Heat shields for ovens, exhaust systems and insulation (PVD technology).
- Ultra-strong PVDF coatings for high corrosion resistance.
- Outdoor standard coloured coating solutions for high corrosion resistance.

Electrical steel

- Bonding varnish on electrical steel

STAINLESS STEEL

Austenitic and ferritic stainless steels

- Foamable backcoat for cold rooms, refrigerated trucks, collective kitchens and lift panels
- Anti-fingerprint coating on brushed stainless steel for wall cladding, access controls, entrance booths and furniture. Also available with an antibacterial functionality.
- Nano coating with increased wear resistance on brushed stainless steel for kitchen and domestic appliances. Also available with an antibacterial functionality.
- Ultra-strong PVDF coatings for high corrosion resistance in the Oil & Gas industry.



LAMINATED ZINC

- Slightly coloured mat clearcoat on phosphated zinc for wall cladding and roofs
- Anti oxidative back coat on phosphated zinc for wall claddings and roofs
- Easy-clean coating for wall cladding and roofs (PVD TiO₂ technology)
- Ultra-strong PVDF coatings for high corrosion and UV resistance to be used in high-end architectural applications.

ALUMINIUM

- Outdoor standard coloured coating solutions for cladding and roofing applications in a wide range of aesthetic colours, primers and final coat thicknesses
- Indoor standard coloured coating solutions in a wide range of aesthetic colours, primers and final coat thicknesses.
- Easy-clean coating on color base coat for wall cladding, roofs and garage doors (PVD TiO₂ technology)
- Clearcoat on aluminium keeping the aesthetics of bright aluminium longer in harsh environments



Double sided high gloss coating for a bright appearance of household goods



Various varnish shades provide lively **Zinc facades** ; anti-oxidative back coat offers a **long-lasting protection**



ShieldArceo provides **protection against heat** and increases **energy efficiency** of ovens



PVDF coatings provides outstanding corrosion and UV resistance needed in severe outdoor and long term applications such as the Oil & Gas industry and high-end architecture.



Anti-fingerprint coating keeps your stainless steel tidy and easy to clean ; **nano-coating** offers **aesthetic and robust** solutions in kitchen design



Foamable back coat for stainless steel increases the **efficiency of cold rooms**



Logistics

Rue Sompré, 1
B•4400 Ivoz-Ramet (Liège)
Belgium (Europe)



Visitors

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