



Eurofoil Luxembourg SA

Eurofoil – The Company at a glance



- 6 decades of **experience** in the aluminium and packaging industries
- ~700 employees in **4 locations** generating ~250 M€ turnover
- 100% **autonomy** in aluminium foilstock supply chain
- A **foil market leader in Europe** with 10 aluminium foil rolling mills in **robust nodal supply chain**
- The **market leader for tobacco innerbundling** with 4 lacquering / laminating lines & 2 metallisers
- Longstanding relationships with key customers



26/09/2016

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Eurofoil Market Leader

An Introduction

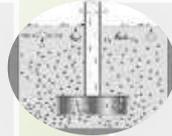


Eurofoil Aluminium



- Client focus on EU with global reach
- Amongst the market leaders in the container , converter, aseptic & finstock markets
- Leading foil producer
- Continuous Casting
- Supply Chain independence
- Recycling

Eurofoil Innovation Centre



- World class equipment
- Dedicated team of scientists & lab. technicians
- Access to world class Lab equipment

Eurofoil Paper Coating



- Leading supplier of tobacco innerbundling
- Laminated, metallised, lacquered & printed products
- Pilot line for rapid sample production



Dudelange, Luxembourg
Eurofoil Aluminium
Continuous Casting
Rolling Mills
Lacquering Line



Berlin, Germany
Eurofoil Paper Coating
Laminating / lacquering lines
Metallising



Rugles, France
Eurofoil Aluminium
Continuous Casting
Rolling Mills



Belvaux, Luxembourg
Eurofoil Innovation Centre

Products



American Industrial Acquisition Corporation (AIAC)

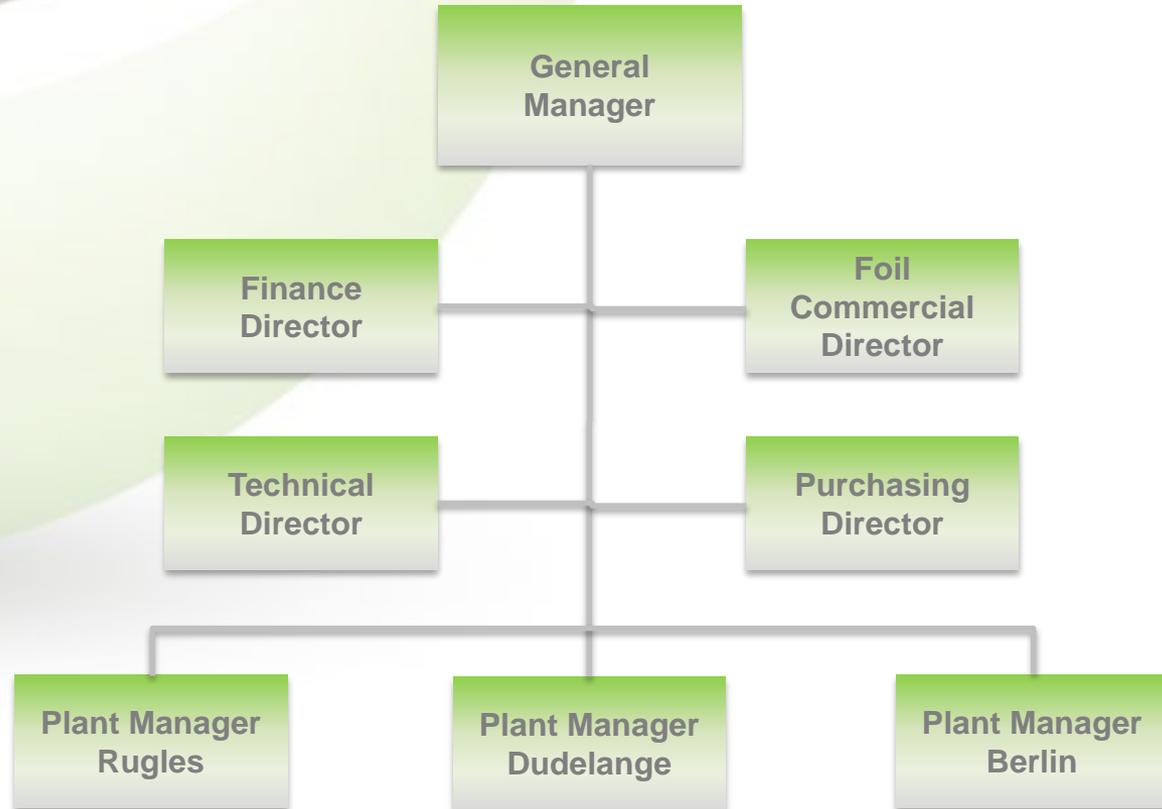
- A growing, privately held industrial group with \$1 - \$2 billion in revenues
- >5000 employees
- Present in 15 countries worldwide and growing constantly
- Industrial management expertise mainly in metals and related industries
- Acquisitions from major multinational companies:



Selected Customers Served By AIAC Companies



Eurofoil Organisation



Aluminium Foil



Paper Coating



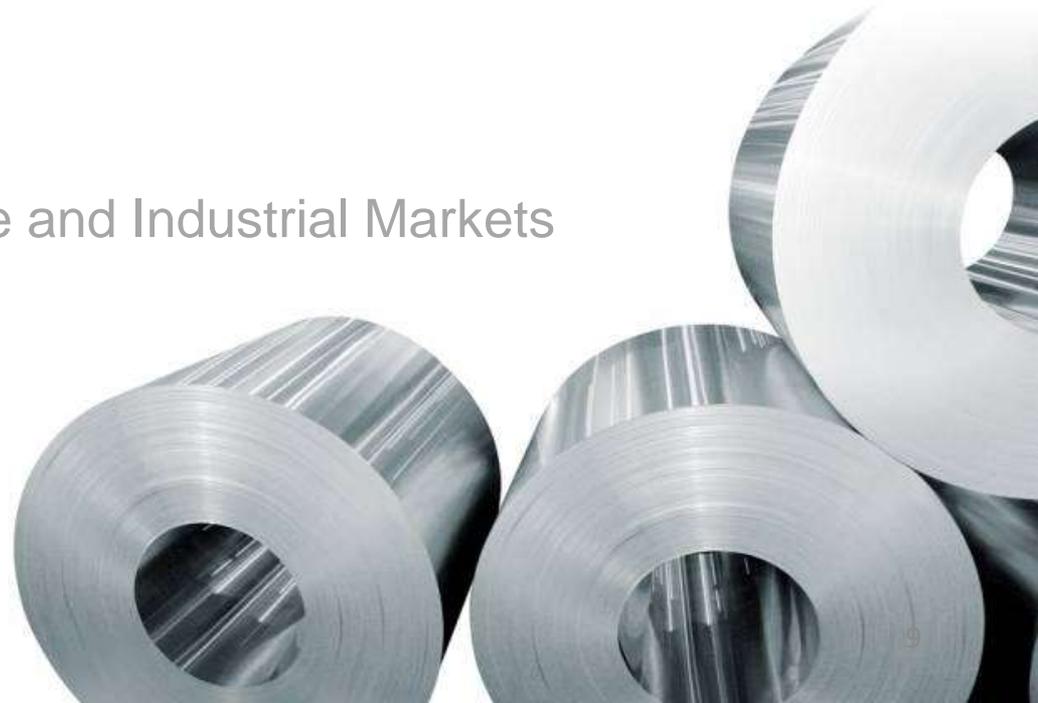
EUROFOIL ALUMINIUM

Experts in Foil



Foil Business

Serving Packaging, Automotive and Industrial Markets



Serving Packaging, Automotive & Industrial Markets for Decades

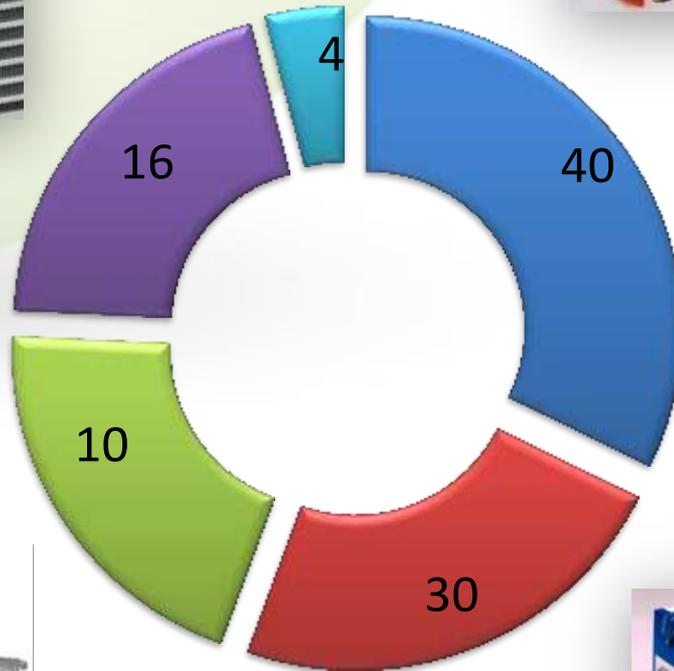
- High quality foil products with a long standing reputation in the global market place
- World class manufacturing in the heart of Europe, rolling foil up to 2m wide
- Highly independent supply chain with its own casting and recycling
- Dedicated Sales, Customer Service and Technical Support team based across Europe delivering speedy responses to meet our customers' demands.
- Innovation and sustainability high on our agenda to meet the evolving needs of an ever changing world
- Long term partnerships with world class customers , i.e.:



Market Strategy



Focus on Converter & Liquid Packaging with strong presence in Semi-Rigid Containers and Heat Exchanger business



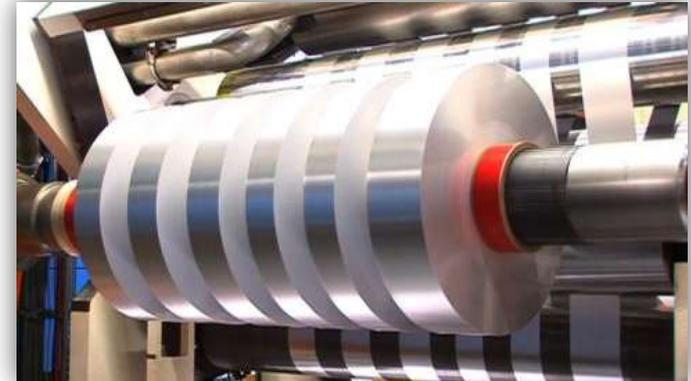
Shipments (%)

- Converter
- Liquid Packaging
- Semi-rigid Containers
- Automotive & Industrial Heat Exchangers
- Others



Production Capabilities

- 1500, 1600 and 2000mm wide lines
- Near 100% coverage of foilstock through on-site continuous casting and recycling
- Rolling mills in France and Luxembourg
- Gauges 6 – 500micron



Certification

ISO 14001

ISO 9001

ISO TS 16949
(Rugles)

OHSAS 18001

EUROFOIL FRANCE SAS



- Company dedicated to the production of aluminium foil
- Main markets served:
 - Food packaging (aseptic, flexible, semi-rigid)
 - Automotive Heat Exchangers
- Key facilities :
 - 2 continuous casters (≈100% autonomy)
 - 2000mm and 1500mm wide foil rolling mill systems
 - Annealing, separating and slitting lines.



EUROFOIL Luxembourg S.A



- Dedicated to the production of aluminium foil
- 100% autonomous in its supply chain due to continuous casting
- Main markets served:
 - flexible packaging
 - aseptic cartons
 - heat exchangers
- Key facilities:
 - 4 continuous casters
 - 1625mm foil rolling system
 - Annealing and slitting lines
 - Lacquering line



Dudelange plant

EUROFOIL Luxembourg S.A. Plant

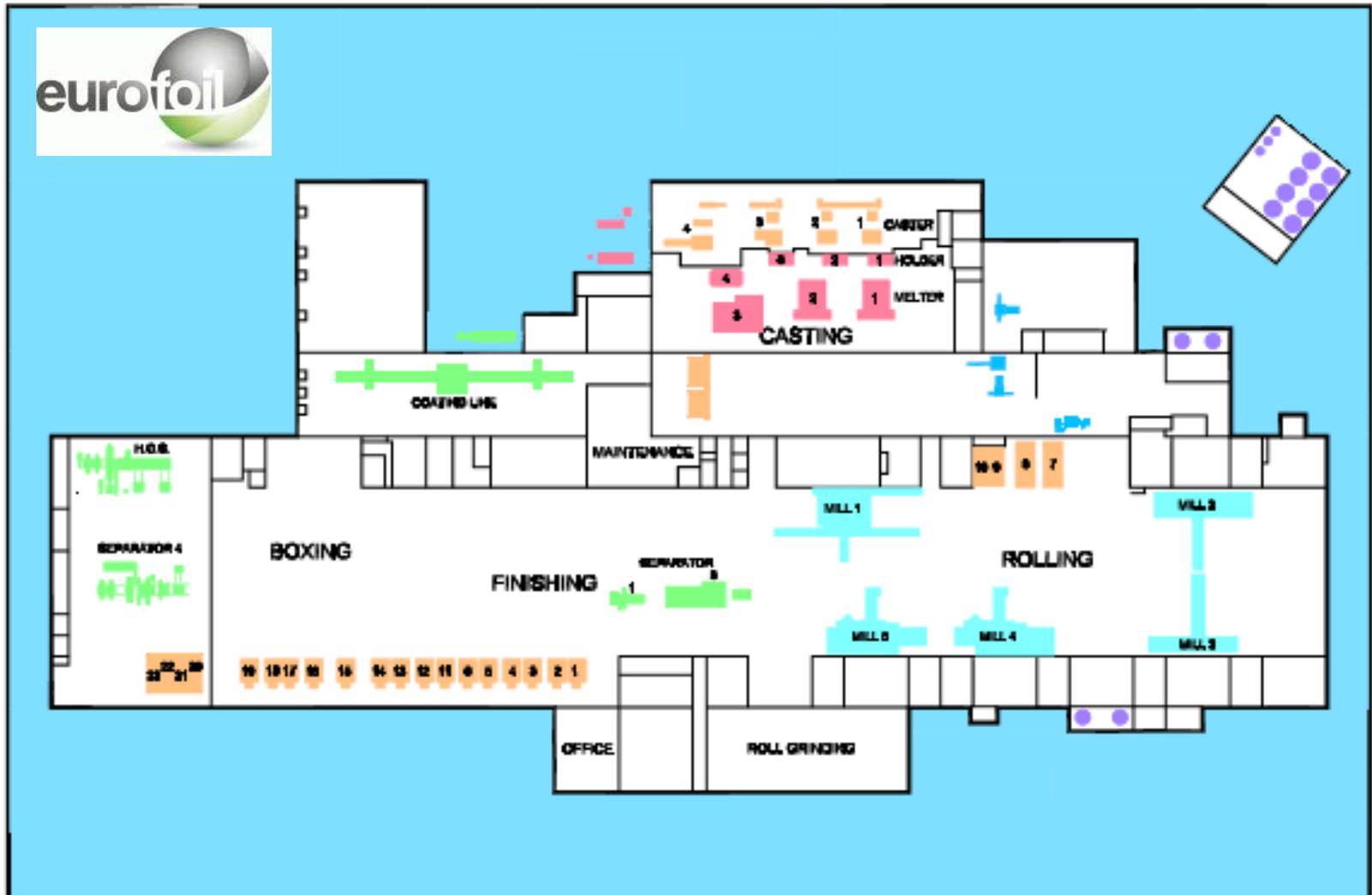


- Located at **Dudelange**
- Production of 39 ktons (2015)
- 318 Employees (31/12/2015)



Eurofoil Luxembourg S.A

Plant layout



MANUFACTURING PROCESS

PROCESS DE FABRICATION



1. Raw material supply

Approvisionnement en matières premières

2. Rolling
Laminage

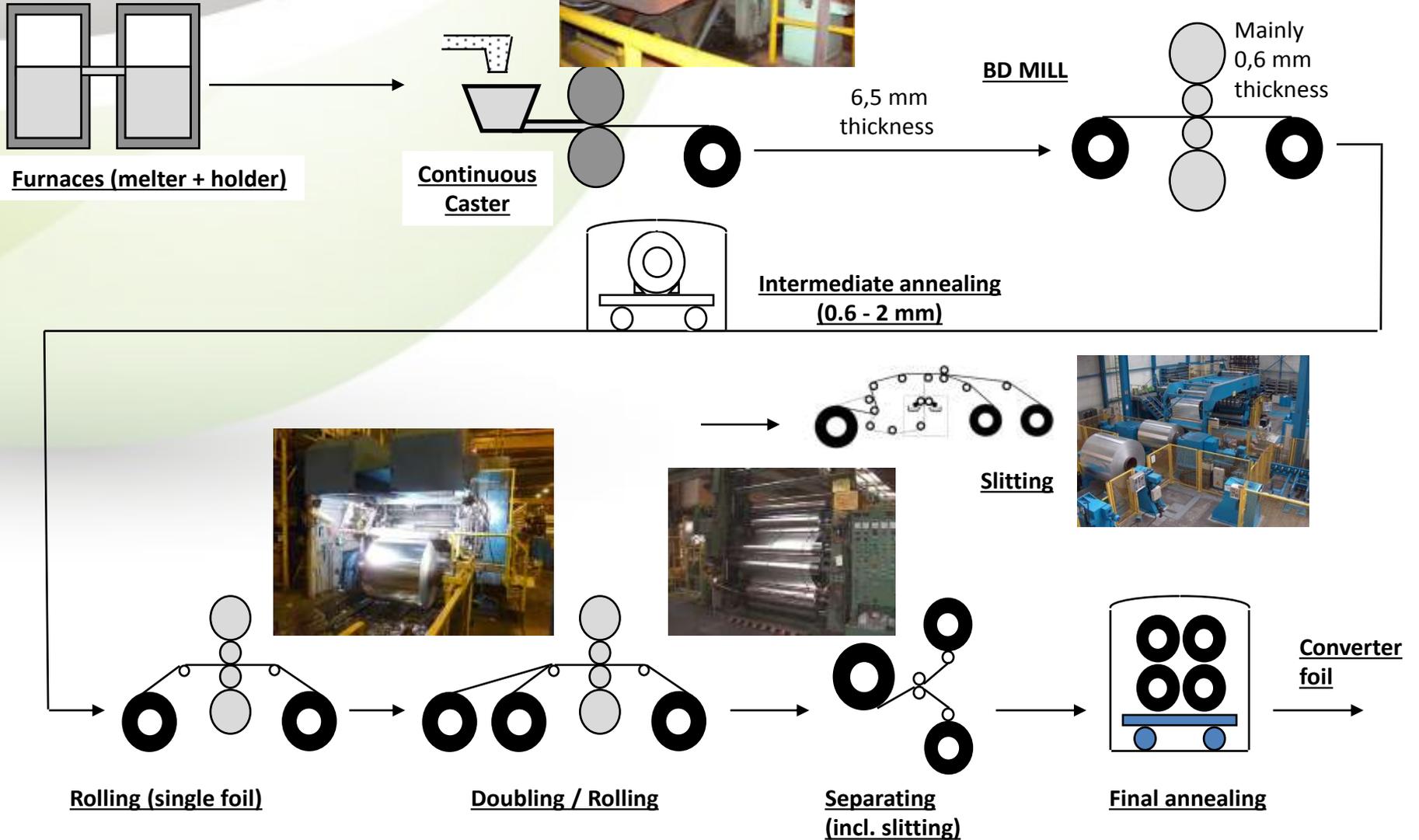
3. Finishing
Finition

4. Control and packaging

Contrôle et emballage

5. Shipping
Expéditions

Foil Processing



Casthouse / Fonderie



**Rolling Mills /
Laminoirs**



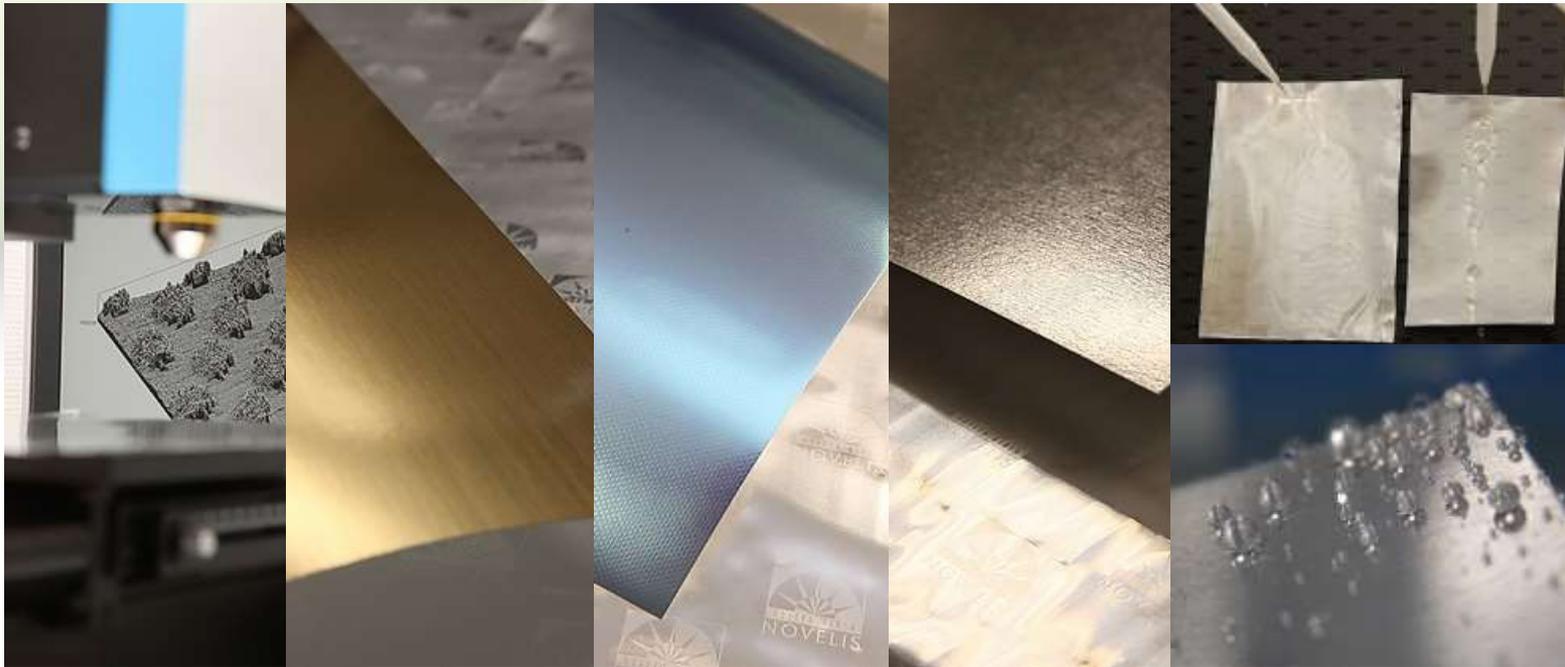
Separator / Dédoubluse



**Slitter
Cisaille**

Eurofoil Innovation Centre

Experts in Foil



World-Class R&D Capabilities

- Located alongside the Luxembourg National Research Centre “CRP Gabriel Lippmann” with 300+ R&D staff
- First industrial company to be located at the heart of Luxembourg’s future Science City
- Access to World-Class Modern Analysis Equipment
 - AES (Auger Electron Spectroscopy)
 - XPS (X-ray Photoelectrons Spectroscopy)
 - ToF-SIMS (Time of Flight-Secondary Ion Mass Spectr.)



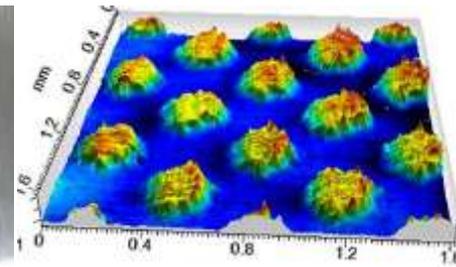
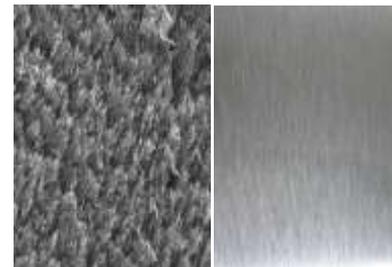
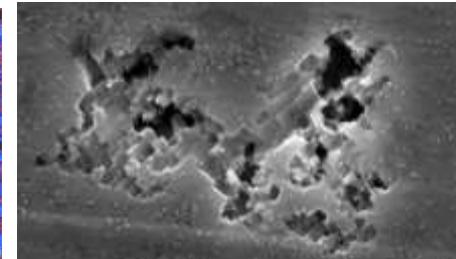
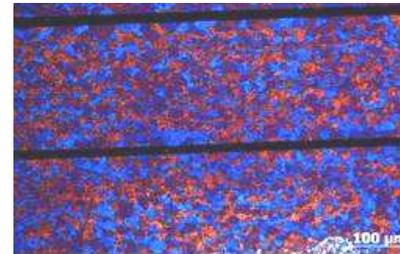
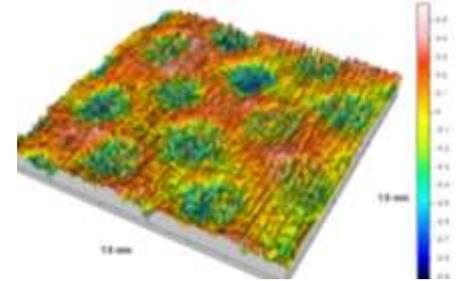
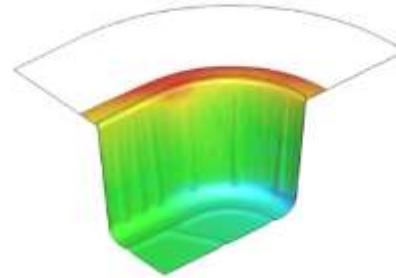
Development Focus

- **Metallurgy and Corrosion**

- Continuous Casting
- Recycling
- Downgauging & Formability
- Corrosion Protection

- **Surface Analysis and Treatment**

- Decorative surfaces
- Functional surfaces
- Surface treatment
- Active surfaces
- Nanotechnologies



EUROFOIL PAPER COATING

Berlin plant

Flexible Packaging Business

Serving the Tobacco Industry and Packaging Markets



Eurofoil Paper Coating



- Leading supplier of metallised paper and foil laminates for the tobacco market
- A focused team of competent and knowledgeable experts working together to find flexible solutions
- A dedicated Sales, Customer Service and Technical support team co-developing flexible packaging solutions with top international brands and delivering speedy responses to meet customer demands
- Innovation and sustainability high on our agenda to meet the evolving needs of an ever changing world
- Serving top international customers,ie:



PHILIP MORRIS INTERNATIONAL

Berlin Plant



- Leading supplier of plain, lacquered and printed metallised paper and foil laminates
- Main markets served:
 - Tobacco packaging (cigarette innerliners)
 - Labels
- Key facilities:
 - 4 Foil laminating & lacquering lines
 - Metallising (2 metallisers)
 - Slitting (8 slitters)
 - 4 Fully automated robot systems



Metalliser in Berlin



Lacquering/laminating line in Berlin

Rapid Prototyping: Pilot Line



- Applications:
 - Gravure
 - Direct
 - Reverse
- Smooth roll applications:
 - Direct/ Reverse
- 1 colour gravure printing
- Solvent and water-based lacquering
- Dry Bond laminating
 - Film to foil
- Wet Bond laminating
 - Foil to paper



M 234 Pilot line

