

# ADVANCED RAILWAY COATINGS SOLUTIONS



*INNOVATION & AGILITY TO ENSURE YOUR SUSTAINABLE DEVELOPMENT*





# Railway Coatings Systems

MÄDER makes the difference with agility and sustainable innovation



## HIGH TECHNICAL SOLUTIONS

- Global coatings & composites solutions
- Anti-graffiti & fire-smoke solutions
- Fireproof resins & gelcoats
- Anti-corrosion solutions
- Stone-chip resistance



## GLOBAL SERVICE

- Agility and flexibility to meet perfectly your needs
- Standardized and customized products
- Adjustment of products and applicability to your specific requirements
- Solutions for every sector of the railway industry



## ADVANCED ECO-FRIENDLY SOLUTIONS

- Waterborne coatings
- High Solid Content coatings
- Reach compliant solutions
- UV Technology



## INTERNATIONAL PRESENCE

- 9 factories in Europe
- 1 factory in India
- 1 factory in China
- Worldwide reseller network

WE HAVE MORE THAN  
40 YEARS EXPERIENCE IN  
RAILWAY

MÄDER SATISFIES THE MOST  
STRINGENT SPECIFICATIONS

MÄDER IS AN INNOVATION BOOSTER

10% TURNOVER DEDICATED TO R&D

WE ARE A REFERENCE PARTNER  
FOR MULTINATIONAL GROUPS



# PRODUCTS AND SERVICES: OUR RAILWAYS SOLUTIONS

## SOLUTIONS & PRODUCT TYPES

The MÄDER Group is a key player in the coatings & composites sector designed for the Railway industry, with a strong reputation of delivering high-tech products:

- Waterborne and Solventborne coatings
- Putties (EP - PE)
- Other related products (degreaser, adhesion promoter...)
- Anti-graffiti solutions
- Fire-smoke solutions

## SERVICES

MÄDER is a global and true partner focused on your targets.

We support you very early in your project to its operational implementation:

- Upstream reflexion
- Co-engineering
- Assistance in the process and supply cost optimisation

## MAIN CERTIFICATIONS, HOMOLOGATIONS & REFERENCES

MÄDER is certified according to the major European ISO standards:

- ISO 9001 for Railway Quality Management Systems
- ISO 14001 regarding environmental issues

Most of our products are qualified by the major Railway networks:

- DB
- SNCF
- SBB
- TRENITALIA
- ...

MÄDER develops high-tech solutions for every range of the Railway industry:

- High Speed Trains
- Regional Trains
- Tramways
- Metros
- Wagons for goods transportation

MÄDER develops also products and solutions for renovation and maintenance.

## APPLICATIONS



### SURFACE PREPARATIONS

- Cleaner
- Adhesion promoter



### PASSENGER TRAIN INTERIORS

- Waterborne coatings
- Solventborne coatings
- Coloured gelcoats
- Anti-graffiti solutions



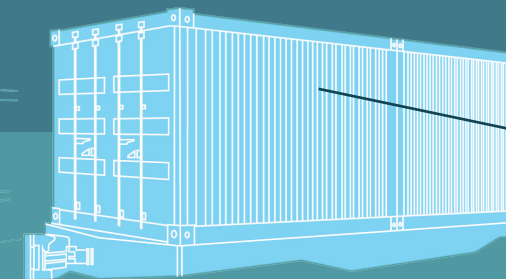
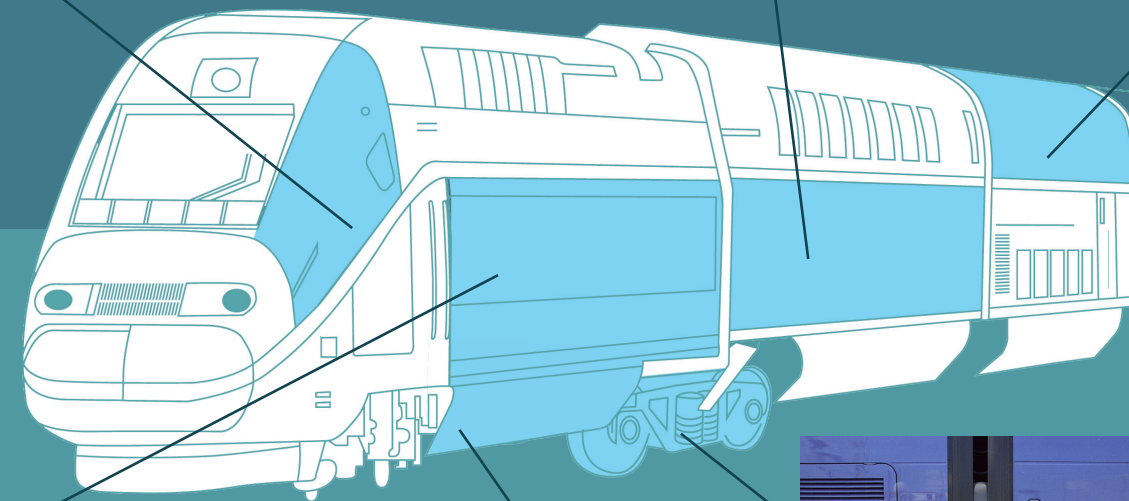
### PASSENGER TRAIN EXTERIORS

#### Lateral walls

- Waterborne coatings
- Solventborne coatings
- Putties (EP - PE)

#### Roof

- Waterborne coatings
- Solventborne coatings
- Singlelayer High Solid Content coatings



### GOODS WAGONS

- Waterborne coatings
- Solventborne coatings



### TECHNICAL PRODUCTS FOR CARBODIES

- Carbodies structures protection
- Specific protections (corrosion resistance, stone-chip resistance)



### BOGIES AND AXLE TREES

- Waterborne coatings
- Solventborne coatings
- Degreaser
- Singlelayer coatings
- Magnetoscopic control



### UNDERFRAME

- Waterborne coatings
- Solventborne coatings
- Singlelayer High Solid Content coatings
- Singlelayer Waterborne coatings



### SPECIFIC PRODUCTS & SOLUTIONS

MÄDER develops also other specialties to meet specific needs:

- Anti-graffiti solutions
- Fire-smoke solutions
- Aerosol products
- Resins & gelcoats for composites
- Tropical condition products:
  - Sandstorm resistance
  - UV resistance
  - Thermal insulation



# ADVANCED ECO-FRIENDLY COATINGS & POLYMERS SOLUTIONS

EXPERT IN INNOVATIVE SOLUTIONS WITH HIGH TECHNOLOGICAL CONTENT  
TO BETTER PRESERVE THE ENVIRONMENT AND HUMAN BEING

  
AEROSPACE

  
RAILWAYS

  
GENERAL INDUSTRY

  
AUTOMOTIVE

  
CONSTRUCTION

  
DECORATIVE



## ADVANCED ECO-FRIENDLY SOLUTIONS

- Green technologies & products
- Health and Safety of human well-being
- ISO 14001 certified production sites
  - Continued involvement for a sustainable and responsible development



## SERVICE & INTERNATIONAL PRESENCE

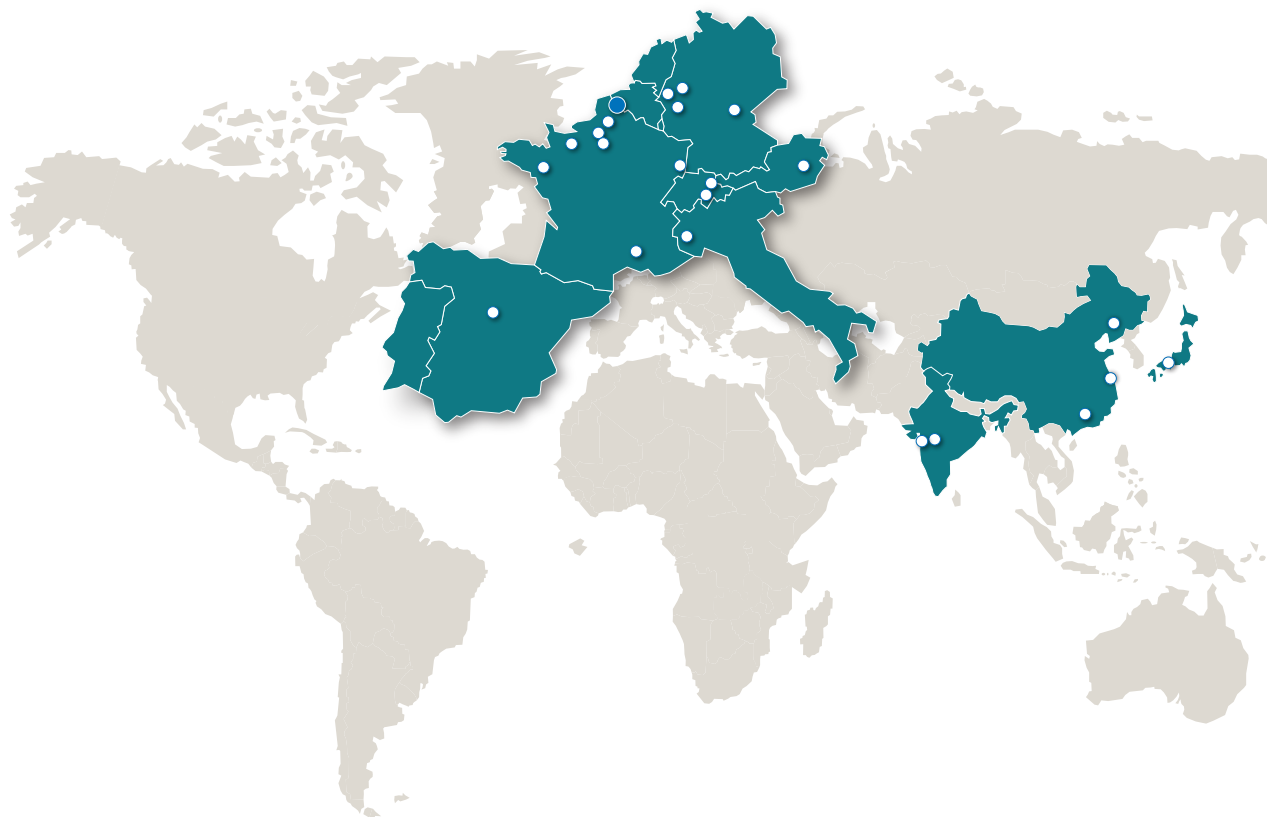
- International dimension close to our customers
  - Fulfilling local needs
  - Technical assistance
  - Customer training
- Tailor-made developments



## HIGH TECH SOLUTIONS

- Specialized R&D task force
  - 16 laboratories worldwide
- Partnerships with universities and research centers
- High-Tech and innovative solutions: UV curing technology, water-based paints, bio-sourced resins...

# MÄDER WORLDWIDE PRESENCE



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