

PLASTIC COMPONENTS

CAF's needs

Manufacturers supplying plastic laminate components for rail vehicles such as trains, trams, and metro units.

Scope of interest

Components made of polyester laminates, glass fiber reinforced polymers. Laminated, painted parts with laminated metal inserts.

Trams/trains:

- driver desks
- window pillar cover
- door mechanism covers
- front laminates
- bogie boxes

Metro:

- seats

Technologies

- Hand lay-up
- RTM (Resin Transfer Moulding)
- SMC (Sheet Molding Compound)

Certifications

- DIN 6701/ EN 17460 - railway standard for bonding
- EN 45545-2 – railway standard concerning the fire properties of materials and products

Illustrative images:

