

# **Paint Preparation of SMC Form Parts**

Robot-controlled surface functionalisation and post-curing by electron treatment



The combination with an industrial robot enables the integration into the painting line

## **Advantages**

but:

- Improved coating quality •
- Low, inline cycle times
- Saving of additional process steps

# nents after coating

Challenge

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Trapped air bubbles burst due to temperature increase (increased pressure), as the surface layer is not fully cured

Surface defects in SMC compo-

Cost-intensive corrective actions (sanding/filling)

#### Solution

- Complete curing of the surface layer by electron treatment
- Simultaneous functionalisation .



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