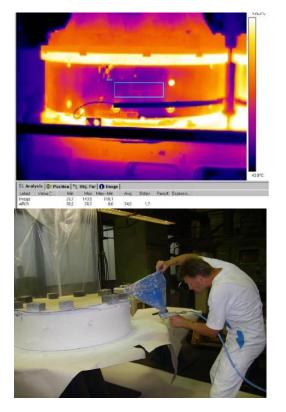


Industry & Manufacturing Market

# **GERMAN LEADING TYRE MANUFACTURER**





## **CONFIDENTIAL**

- Markets: Industry & Manufacturing
- Country: Germany
- Courtesy of: Superior Products Germany

#### **PROJECT DESCRIPTION**

Surface: Steel cover of mold Purpose: Prevent heat radiation and save energy

### **COATING SOLUTION**

Surface was first adequately cleaned and then HOT SURFACE COATING was applied in 3 layers (total thickness 7mm)





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#### **RESULTS**

The inside temperature during vulcanization in this mold is 175°C. Initial surface temperature: 142.2°C Yearly energy losses when 250 days in use: 13.699 W or 2.466 €

After 7 mm HOT SURFACE COATING: 74°C

- Reduced surface temperature by 48%
- Yearly energy losses after application: 1.862 W or 335€ when 250 days in use
- Saving of 86.4% energy

#### PRODUCTS WE USED



