

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)

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

Hot Surface Coating™