

Absorbing optical coating

Application examples

Solar concentration

Ideal deposition process

Spray-coating
or Dip-coating

Ideal type of substrate

Stainless steel

Layer properties:



Optical absorption coefficient α (at 873K) > 0.94

Optical emissivity ϵ (at 873K) < 0.28

Thermal stability tested up to 50 days under air at 873 K



solar thermic concentration