



## New added value with hot-dip zinc coating technology

Hot-dip zinc coating technology enables the customers better outlook, cleanability and corrosion resistance.

### Advantages

- Saves energy
- Saves time
- Cuts down costs
- Can be added on to existing production chains

### Application and market areas

- Hot dip galvanizing industry
- Sol-gel manufacturers
- End users can enjoy extremely stain, scratch and corrosion resistant metal products

### Technical description

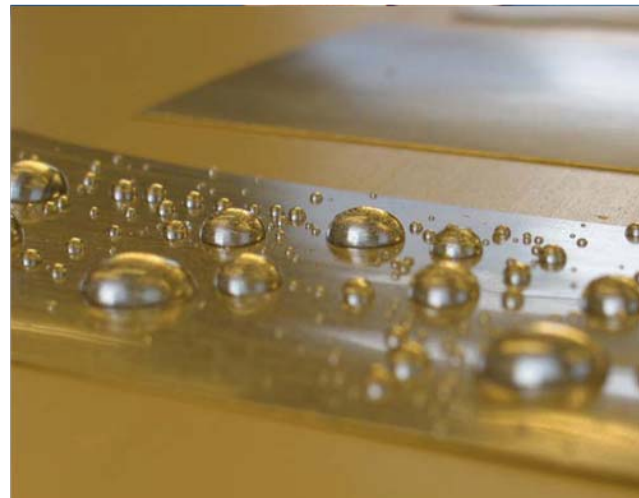
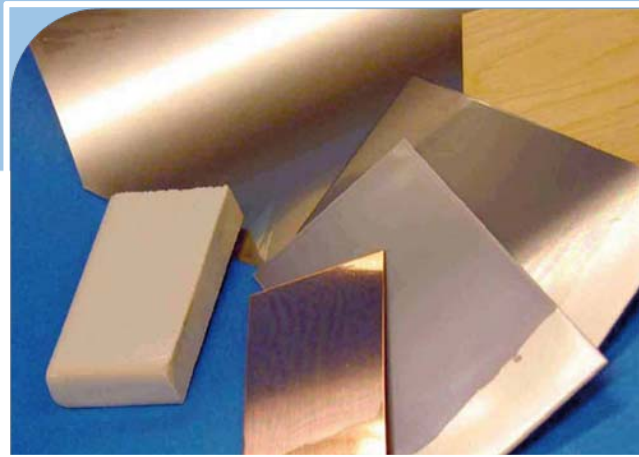
- Technology enables utilizing of thermal energy that has been accumulated to work pieces in hot dip galvanizing or thermal spraying process to cure the sol-gel coatings.
- Technology enables curing of the sol-gel coating by using residual heat energy accumulated in previous manufacturing processes.

### Intellectual property

Patent pending.

### Additional information

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### Why partner with VTT?

#### 10 reasons for technology partnering with VTT

1. Key factor in Finland's success story with a track record to prove it
2. Licensing and co-venturing opportunities
3. Portfolio of more than 1,000 patents and inventions
4. New business and product concepts based on strong IP and world class research
5. Combined experience of more than 2,000 motivated researchers in eight focused areas of technology
6. Active member in hundreds of scientific & business communities
7. Excellent track record as coordinator and partner in EU projects
8. Collaboration with TOP 50 R&D companies in Finland
9. Global R&D partnership with 50 Fortune 500 companies
10. Market driven multi-disciplinary solutions