

# AlN

## Anticorrosion protective film



Cathodic corrosion protection solution of **aluminum nitrate (AlN) film** as an **anticorrosive coating** in metallic Heat Exchangers (HE) components, against corrosive conditions including salt hydrates PCMs.

### Tech Overview

Anticorrosive



Higher thermal conductivity



Electrical insulation



Anti-scratch & Anti-wear



Increases energy efficiency.

Increases the lifespan of structures for a very long period.

Reduces the need for frequent maintenance, replacement of components, thus reducing costs.

Enable the use of low-cost PCMs and other corrosive substances/materials.

**TRL 8** | System successfully tested in real environment

### IP Status

European Patent Granted in force | 20 countries



Funding from the European Union's Horizon 2020. Research and Innovation Programme.



### Seeking

Companies working on HVAC/R value chain

- producers, installers or sellers.

### Intended collaboration

Partnership | Tech Co-development agreement

Licensing / Assignment agreement

### Contact

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