

Product information

Nanocomp LT2 Non-stick coating for flue gas systems



Noise free function of flue gas filtering systems, blowers, silos

Nanocomp LT2 avoids sticking of dust, ashes and other dry granulate material in installation and devices of flue gas management as well as in installation of storage and guiding of granulate material.

Application field

Installation	Aggregates, components and devices of flue gas filter systems such as bunkers, tubes, blowers
	Silos for dry granulate material
	Equipment to guide and store dry fluid material
Heat resistance:	250°C (500°F)
Medien:	Dry fluid material (dust, ashes, granulate material)



Nanocomp LT Coatings are non-stick coatings with tribologic effect to be used in industrial processing in low temperature application up to 250°C (500°F)

Air temperatures in industrial flue gas systems are mostly between 100°C (200°F) and 220°C (430°F). Filters separate air and the transported solid particles, tending to stick on bunker walls. That leads to malfunction and short – sometimes unplanned - maintenance intervals for cleaning. When sticking on blowers, the sticking layers lead to imbalance of the rotor followed by destruction of the bearing.

Nanocomp LT Coatings avoid sticking of ashes, dust and other granulate material on the bunkers or blowers surface for up to 2 years. During this period no cleaning maintenance is required. Nanocomp LT Coatings are protective. They avoid corrosion of the substrate.

- **Noise-free function of equipment**
- **Granted material flow**
- **Long maintenance intervals**
- **High OEE**
- **Protection of equipment**

Nanocomp LT2 is a water based 2-layers coating (primer and functional coating). Hardening at room temperature takes 12-24 hours.

CeraNovis offers project related consulting for choice of product and project planning and the service of application. Nanocomp LT products are renewable. They may be applied on new equipment but also on used equipment (after cleaning).

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