

## REQUIREMENTS FOR SUBSTRATE SURFACES FOR FREE-ISSUE-COATING-PROCESSES PVD/TiN and nanoINOX® AFP/ETC



Before the production/shipping of the material in order to be free-issue-coated with the **PVD/TiN** or/and **nanoINOX® AFP/ETC** process, the following criteria have to be met:

### General:

A basic requirement for high-quality PVD/TiN coating and nanoINOX® AFP/ETC coating are the base surfaces, which have to meet certain requirements. **mirrorINOX** always undertakes a brief cleaning of the surfaces prior to coating, but the following requirements, which are conditional and indispensable for a high-quality coating result. must be fulfilled by the customer:  
Should these requirements not be given, **mirrorINOX** will aim to carry out the pre-treatment/ extensive cleaning, but will have to charge for the additional expenditure.

### Requirements for surfaces to be coated - Part 1:

- Sheets, plates and any other flat subjects and parts must comply with flatness according to the standard DIN EN 10088
- The surfaces must be absolutely free of
  - residues of oil, grease, polishing agents, adhesives or similar substances
  - fingerprints, suction marks or similar

### Requirements for surfaces to be coated - Part 2 / including packaging:

- **Stainless steel sheets and parts / Other metal sheets and parts**  
The sheets/ parts must be delivered without protective foil. This also means that the sheets have never been de-foiled or re-foiled before, as any writing on the foil, even if not visible on the surface beforehand, may appear after the coating process.  
Only suitable paper interleaves or protective film Novacel 4504 blue transparent or specific adhesion film are permitted.  
Please always include an empty pallet so that it can be used as a base when coating.
- **Constructions parts / small parts**  
Please pack these in Tyvek fleece (e.g. Tyvek 1473R or preferably Tyvek 1622) in conjunction with stretch film.  
This ensures that after the parts have been coated, they can be re-packed appropriately and efficiently. Please use wooden crates, cardboard boxes, etc. as outer packaging, in order for us to re-use them again without generating any additional efforts and costs.

Furthermore, please note, that after PVD/TiN coating and nanoINOX® coating, the surface you have created, will remain clearly visible and certain optical characteristics or peculiarities can be intensified.

**mirrorINOX** therefore assumes no liability for the aesthetic appearance or defects of the surface provided to us.