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Warehousing of our products

The storage of our uncoated and tinned strip products can influence the behavior of the characteristics.

Unless these goods are stored at constant temperature; under dry atmosphere and undamaged packing, the following applies for the mechanical properties, the surface condition and the workability:

- 1) Mechanical properties
 - The mechanical properties (including surface roughness) of uncoated and tinned strips are stated and assured for the duration of the legal guarantee time.
The thickness of the tin layer, verifiable by X-Ray fluorescence spectroscopy, also remains the same.
- 2) Surface quality
 - Strips protected with oil provide protection against oxidation for up to three months.
 - Benzotriazole-passivated uncoated surfaces are protected against oxidation for up to six months.
 - Tinned surfaces oxidize in the Angstrom range and can develop a light yellow layer.
This layer is normally worn off with the relative movement of stretching, providing the usage of the material within one year.
- 3) Workability of tinned strips
 - The solderability/wetting capability, especially for thin coatings can be impaired by the diffusion-driven growth of the intermetallic phase.
Tin coated strips can be stored for up to six months.

We have to point out that the given information does not cover further processed strips. Influences during your production or further down-stream are outside of our responsibility and have to be taken into consideration.