

SPIILKA HARDWARE - CORROSION RESISTANCE

Spilka is a supplier of hinges for windows. The Norwegian window manufacturers have their window certificated in a control organisation called NDVK (Norwegian Door and Window Control). These manufacturers are only allowed to use “approved” hinges. This means that the hinges must satisfy standard NS-EN 1670 grade 3.

Standard NS-EN 1670: Corrosion resistance specifies the requirements for the corrosion resistance of hardware for windows:

4 Classification

Grade (class) 3: High resistance

The requirement of corrosion for NDVK is grade (class) 3.

5.4 Electrodeposited zinc on iron or steel

If coated with electroplated zinc on iron or steel, the requirements of the appropriate classification code of ISO 2081 plus a chromate conversion coating meeting the requirements of the class of ISO 4520 specified to match that classification, shall be met as follows:

- Grade (class) 3:

ISO 2081 classification code Fe/Zn 12 + ISO 4520 class 2C or 2D.

Spilka Classic hinges are made of steel with the following corrosion protection:

Zinc electroplated, thickness min. 15 µm.

Passivated with bright chromate Cr (III).

Sealer.

This treatment satisfies EN 1670.

Spilka Industri is certificated according to our Quality System that complies with NS-EN ISO 9001-2015.