



NV4-edge

New ski edges with nanoscale coating for improved adhesion

Mechanical treatment + application of a nanoscale layer based on transition metals. The eco-friendly solution as an adhesion promoter to improve adhesion of ski edges in PU constructions and especially in EP constructions. Previous attempts in the ski industry show better adhesion properties of the ski edges as with CDW-Platin-Primer-S.

Goal

- >> Very good adhesion
- >> Temporary protection against corrosion of the ski edge under adequate storage condition

Properties

- >> Uniform nanoscale layer (about 150nm thickness)
- >> No deterioration of the adhesion properties in case of extended temporary storage prior to usage
- >> Tested between -20°C and +40°C
- >> Very low solvent content (approx. 5%)

Adhesion

- >> Excellent for PU constructions
- >> Excellent for EP constructions
- >> Long term testing in a selected ski/snowboard construction using appropriate production conditions.

Appearance

- >> Metallike
- >> Rough surface (very good for mechanic bonding)

Composition

- >> Inorganic based on transition metals