

BONDERITE®



**Nickel-free
cold sealing**

No risk for
nickel allergies!



Low temperature and nickel-free.

**BONDERITE® M-ED 11150/11151 –
Cold sealing for anodised aluminium without using nickel.**

BONDERITE® – Upgrades your standards.

Henkel

High surface quality, low temperature and nickel-free.

The innovative nickel-free sealing technology ensures perfectly clean, clear or electrolytically coloured anodised aluminium surfaces without blooming or fingerprint effects at a significantly lower process temperature compared to traditional processes. BONDERITE M-ED 11150/11151 fulfills the QUALANOD specifications.

No nickel, no heavy metals, no allergy

The anodised products are not critical for people with nickel allergies – relevant for parts in contact with skin, like jewelry, lip sticks, smartphones, car interior parts, bike components.

No greenish shadow effect

No risk to create a coating with a greenish shade through absorbed nickel salts as BONDERITE M-ED 11150/11151 has a water clear aspect.

Carbon foot print

Potential to reduce carbon footprint by 30 % compared to traditional nickel hot sealing processes.

Very limited plant modification requirements

The sealing and ageing step at the end of the anodising process remains. A special additive BONDERITE M-ED 11350 is added to the ageing tank. The BONDERITE M-ED 11150/11151 process step requires bath filtration.

Applications

- Clear anodised aluminium
- Electrolytically coloured aluminium by organic dyes



Henkel services

To achieve good and uniform coating results regular bath monitoring is recommended. Our experienced team of technical experts can provide detailed customer process specific advice.

Henkel AG & Co. KGaA

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