

BONDERITE[®]

BONDERITE[®] M-NT 2040 R2 **HENKEL SURFACE TREATMENT SOLUTIONS FOR BATTERY COMPONENTS**

Weight saving advantages of aluminum requires a solution that offers robust corrosion protection!



Benefits

- Etch-passivation of aluminum battery components
- Straightforward process setup
- Process flexibility for cleaning & Titanium passivation
- Stable surface conditions (up to 6 months)
- Outstanding welding & bonding performance after storage
- Extensive OEM approvals



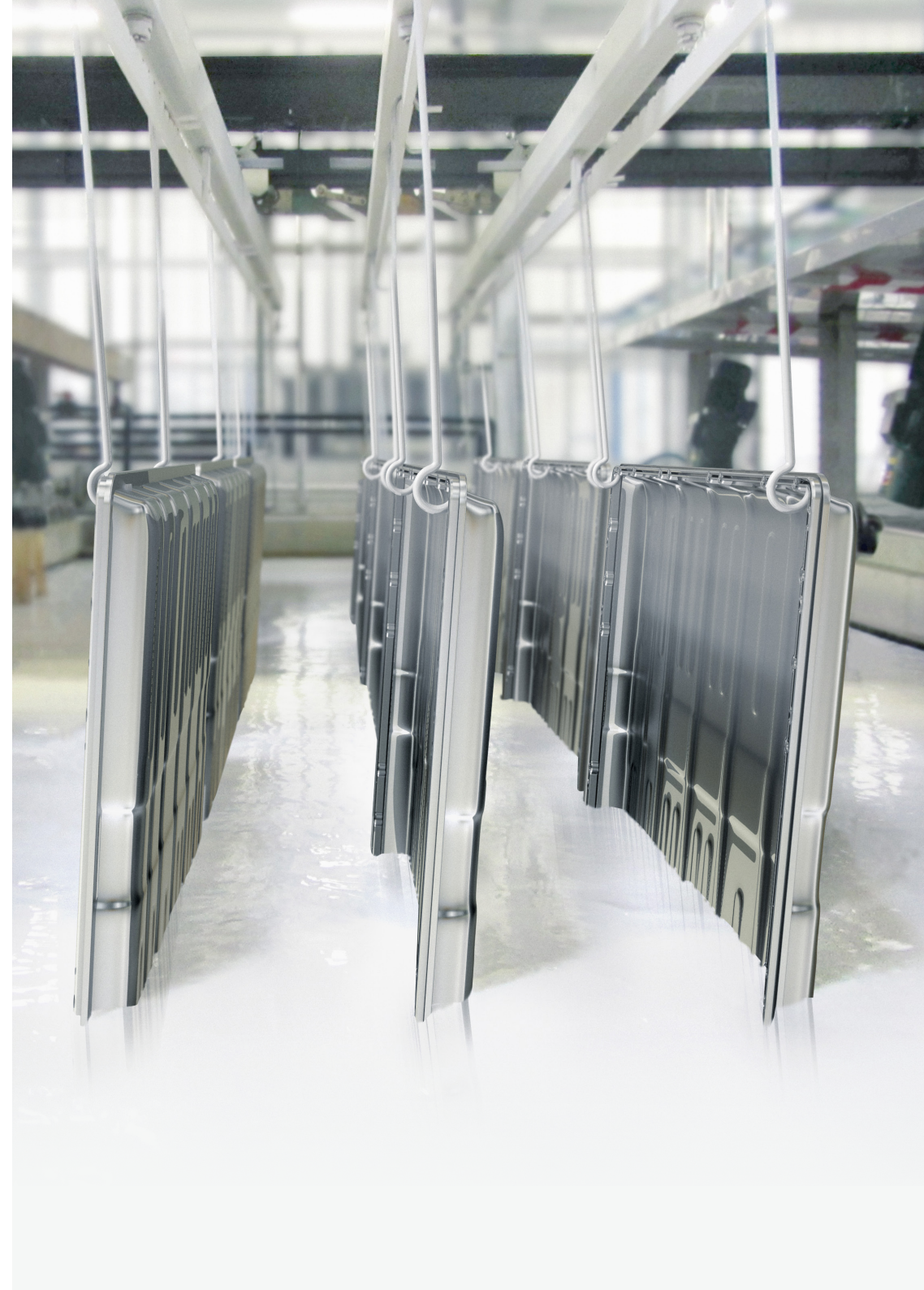
Sustainability Value

- Reduced manufacturing footprint (4-step process)
- Chromium-free
- Very low outgassing
- CMR, SVHC, antimony free, REACH compliant

Henkel's applications experts can help solve your automotive ST challenges with our broad technology and product portfolio.



Henkel Adhesive Technologies



BONDERITE® M-NT 2040 R2

Aluminum needs good corrosion protection to make use of its weight advantages!

Key Product Performance

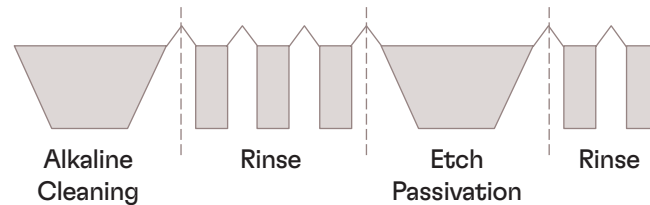
Products	Properties	Typical Value	Test Methods
BONDERITE® M-NT 2040 R2	Free Acid	12.2 – 36.6 pts	Titration
	Aluminum Concentration	< 5 pts	Titration
	Bath Temperature	105 – 125°F (10 – 52°C)	

Typical Applications

- EV battery pack and cooler components



Simple 4-step Process:



Henkel's BONDERITE® M-NT 2040 R2 is available worldwide and is specified by all major OEMs. The typical application are; EV battery components. Prepares aluminum components prior to bonding and welding. One-step process for integrated etching and passivation to simplify operations.

CONTACT US TO LEARN MORE

Europe
Germany
Henkel AG & Co. KGaA (Headquarters)
Henkelstraße 67, 40589 Düsseldorf

Asia-Pacific
China
Henkel (China) Co., Ltd.
No. 928 Zhangheng Road, Pudong New District
201203 Shanghai

Americas
U.S.A.
Henkel Corporation
Madison Heights, 32100 Stephenson Highway
Madison Heights, MI 48071



The data contained herein is intended as reference only. Some products / package sizes may not be available in your country or may have a lead time. Please contact your local Henkel subsidiary for assistance and recommendation on specifications and applications of these products. ® designates a trademark of Henkel AG & Co. KGaA or its affiliates, registered in Germany and elsewhere © Henkel AG & Co. KGaA, 2022 DSGN0022136 (11/2022)

