



# LOCTITE® UK 2073-2173 2C PU

High Performance and elastic 2C PU adhesive for Exterior bonding

## 1 TIER 1

A Global Tier 1-supplier for exterior components needed an elastic assembly adhesive for a new tailgate that has long enough open time to manage the application of a long bead and joining the large parts. At the same time, a fast build-up of sufficient handling strength was required to ensure cost efficient cycle time. Primerless adhesion to polypropylene-based substrates was required.

## 2 HENKEL SOLUTIONS

- A new 2C PU adhesive with sufficient open time and fast cohesion build-up
- Provides excellent adhesion on various plastics without a primer (For LSE\* plastics a surface pretreatment such as flame or corona is necessary)
- Ensures reliable adhesion and lap-shear strength values on various LSE substrates
- Can be applied with standard equipment such as a follower plate and static mixer

\* LSE = Low Surface Energy



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Adhesive  
Technologies



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## 3 CUSTOMER CHALLENGES

- Long enough open time for large exterior plastic parts such as spoilers and tailgates
- Fast cohesion build-up for handling strength
- Reduced fixture time
- Curing speed and build-up of handling strength can be accelerated with heat
- Flexibility – option to use one adhesive for all plastic bonding applications
- Primerless bonding (plasma or flame treatment might be required)
- High elongation to manage CTE mismatch of different materials
- Globally produced adhesive

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



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