

# Innovative Adhesive and Sealant Solutions

H.B. Fuller | Kömmerling Solutions for Automotive and Transportation Industry



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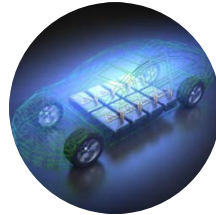
**KÖMMERLING**

# Trends in Transportation Industries – Our Solutions



## Lightweight Construction

- Cold curing elastic, semi-structural and structural adhesives for body structure and exterior trim applications
- Bonding agents



## E-Mobility: Batteries

- Structural and elastic adhesives
- Thermally conductive adhesives
- Sealers
- Thermally conductive gap-fillers
- Encapsulations



## Comfort and Functional Surfaces

- Adhesives for interior trim applications
- Cast resins for glass/plastic composites with integrated functions
- Sound damping with LASD and butyle patches



## Electronic Systems

- Thermally conductive gap-fillers
- Encapsulation and coatings
- Structural/bonding adhesives
- Electrical insulation

# Comfort and Functional Surfaces

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# Interior Trim Applications

## Interior Trim Adhesives

### Core Interior Trim

instrument panel, central console,  
door panels, steering wheels,  
pillars,...

### Acoustic Soft Trim

headliner, trunk, package tray,  
wheel-arch,...





# Solutions for Functional Surfaces

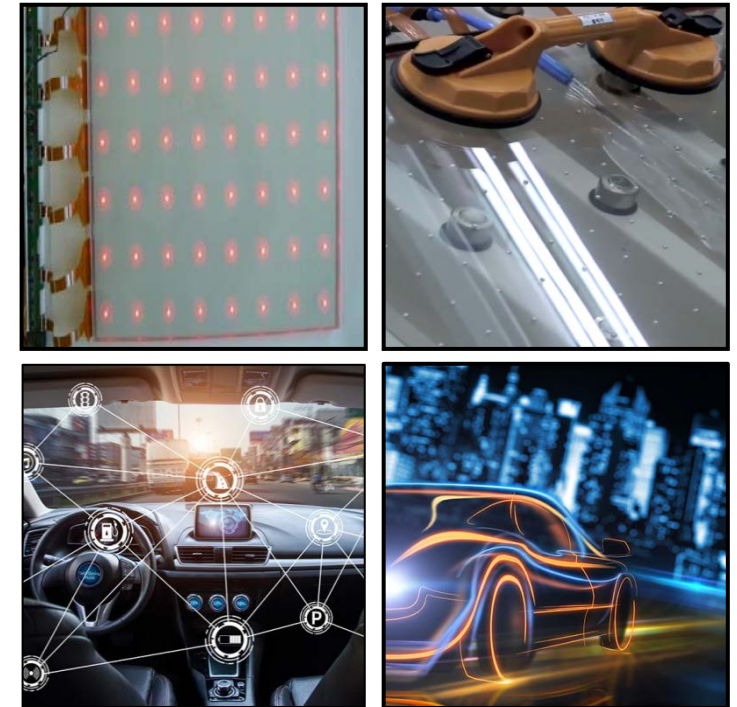
## Liquid, Transparent Cast Resins

### Function Integration in Glass Composites

Embedding of LED's, foils, touch-panels,...

### High-End Glass Surfaces

Instrumental panel, side panels,...



# Sound Damping: Liquid Applied Sound Deadener (LASD)

## Advantages of this Technology

- High automation potential
- Layer thickness adjustable
- Room temperature curing
- Energy saving
- No volume shrinkage
- Low space requirement
- Vertical application possible
- No overspray
- Accurate application to the edges



# Thank you!

