



H.B. Fuller

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## CASE STUDY

# Transdek choose to stick with H.B. Fuller | Kommerling for its latest batch of award winning trailers

Transdek, an award-winning designer and manufacturer of double deck trailers and associated loading bay solutions, has extended its relationship with Kommerling by using a selection of the company's products on ten refrigerated Wedge trailers.

The 4.95 metre high trailers offer a 90 roll cage (850 mm x 753 mm) capacity, and are based on a 5<sup>th</sup> wheel height of 1160 mm, which provides sufficient internal height clearance to fully load each deck over the neck.

Tony Sturgess, Director (Trailer Design), Transdek UK Ltd, said; "Transport efficiency is key and achieving the highest performance for each and every vehicle starts with the design and construction. We've worked with Kommerling to produce a fully bonded body construction on these latest trailers in our range of innovative, high volume double deckers. The trailers don't require any mechanical fasteners to hold the body together. Even the second deck support angles are bonded to the side panels. High performance structural bonding products ensure a robust structure for the trailer with bonds that are flexible but also resistant to water ingress."

Bonding is more common on the European Continent, but is being used increasingly in the UK to replace traditional mechanical fasteners. Bonding load restraint tracks to side panels, for example, gives far greater strength, as the adhesives spread the load along the track length.

Ian Little, Key Account Manager, Engineering Adhesives EIMEA at Kommerling said, "We have worked with Transdek over several years and are delighted that they continue to use our products on both dry and refrigerated multi-temperature trailers. It is not just about supplying bonding solutions; our technicians have collaborated with Tony Sturgess and his team on the design and development of this fully bonded trailer body."

## CUSTOMER QUOTE:

„We chose Kommerling because they're the leading specialist in trailer bonding adhesives, and we're very happy with the resulting build quality. Cost, ease of use and performance also played a role in selecting Kommerling as an ongoing partner in this work.” - Tony Sturgess, Director (Trailer Design), Transdek UK Ltd.

## Product Performance

### Körapur 666

Two-component polyurethane used for sealing and bonding in the manufacture of vehicle body work, providing good adhesion to a wide variety of substrates including primed and varnished metals, GRP, aluminium and duroplastics.

### Körapur 140

Single component elastic, moisture curing polyurethane adhesive for bonding and sealing of primed and varnished metals, aluminium, wooden materials and duroplastics.

### Körapop 235

Used as a seam sealant and light duty bonding application where a key requirement is excellent dynamic stress tolerance and UV stability.

### Summary of Customer's Results:

- Robust Structure
- Greater Strength
- Production Efficiency
- Improved Ease of Use
- Higher Performance

Ask H.B. Fuller today about how we can help to improve your production process with our innovative bonding solutions.

### Transdek Background

Transdek UK is a Yorkshire-based development manufacturer in the logistics sector was founded in 1997. A member of the Sustainable Road Freight group, we are focused on generating cost savings and improving sustainability in the retail supply chain through the development of innovative, solutions-oriented products, including:

- Double deck trailers, which have increased payload capacity by between 40% and 100% compared to conventional HGVs
- Urban double deck trailers that have cut 800 deliveries a year to one retailer's Oxford Street store alone
- Modular loading bay equipment that reduced unit install times for the UK's largest retailer from two months to three days
- One of the UK's leading brands of mezzanine lifts

### About H.B. Fuller

Since 1887, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. With fiscal 2019 net revenue of approximately \$3 billion, H.B. Fuller's commitment to innovation brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, health and beauty, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive. For more information, visit us at [hbfuller.com](http://hbfuller.com).



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