



# ALPHA-TAPE ZERO® FOR ALL ZERO-JOINT TECHNOLOGIES

LASER - HOT-AIR - NIR

ALPHA-TAPE ZERO® is MKT's innovative edge banding which can be applied with all currently available zero-joint techniques without any specific modification required.

Based on our ecologically harmless ALPHA-TAPE® PP-edge, ALPHA-TAPE ZERO® has a special co-extruded functional layer, which is color matched to the top layer of the edge banding and to the board. By using one of the zero-joint technologies, this functional layer can be activated to bond perfectly and durably with the composite material. Whether Laser, Hot-Air or NIR (Near-Infrared), in through feed method or on CNC/BAZ machines, an invisible, homogeneous and seamless transition will be achieved with all procedures. Conventional primers or adhesives in processing are redundant.

## WARNING OF PATENT INFRINGEMENT!

ALPHA-TAPE ZERO® edge banding are intended for use only outside Germany. Delivery of ALPHA-TAPE ZERO® edge banding and of products provided with ALPHA-TAPE ZERO® edge banding to Germany is not permitted. Moderne Kunststoff-Technik Gebrüder Eschbach GmbH hereby declares that it is not consent with the delivery of ALPHA-TAPE ZERO® edge banding, or of products provided with ALPHA-TAPE ZERO® edge banding to Germany.

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# ALPHA-TAPE ZERO<sup>®</sup>

## SEAMLESS. GLUELESS.

### **Perfectly manufactured furniture pieces**

significant increase in visual quality, durability  
and usability, no penetration of moisture or dirt

### **Even furniture parts with radii**

in perfect quality and without any visible joint

### **No signs of aging or wear marks**

enhanced heat resistance

HOT-AIR

NEAR-INFRARED-RADIATION (NIR)

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# FULLY WELDED EDGE JOINT

## ALPHA-TAPE ZERO® EXCLUSIVE FEATURE

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ALPHA-TAPE ZERO® can be fully welded to itself. Meaning moisture and dirt do not even have any effect to the corner joint.

### **Stable processing**

no complex coordination of edge banding material, primer and adhesive, reduction of cleaning efforts, no waiting or set-up times for color changes

### **Post-processing at CAM or CNC/BAZ machines without any smearing**

thanks to the high material hardness of the co-extruded functional layer, extremely durable especially in the welding joint, reduction of expensive separating and cleaning agents

### **Constantly equal layer of thicknesses and cross-sections**

of top layer and functional layer  
due to calendaring method

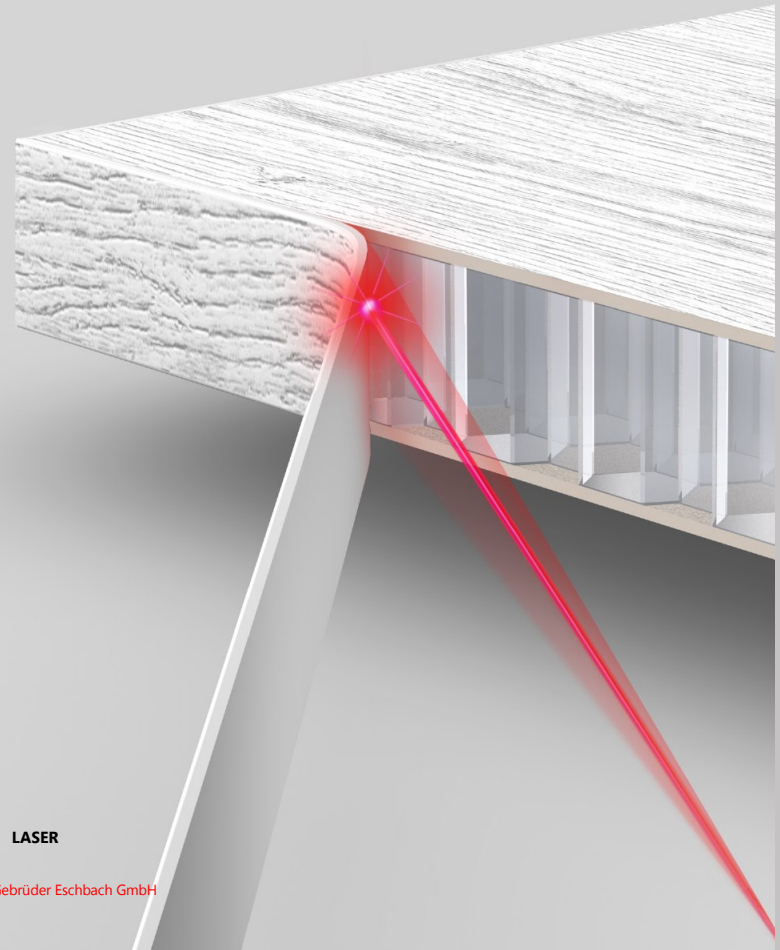
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# FOR PP-HONEYCOMB BOARDS

## ALPHA-TAPE ZERO® HONEYCOMB

Thanks to the positive characteristics of ALPHA-TAPE ZERO® and its functional layer (firm, co-extruded, nonadhesive, color-consistent) it is also possible to use this product for the edging of PP-honeycomb panels (lightweight construction components) with the help of a special formulation.

Perfectly manufactured furniture pieces can also here be achieved with all available zero-joint technologies, whether in through feed method or on CNC/BAZ machines and requires no additional modifications of the edge.



ALPHA-TAPE ZERO® HONEYCOMB

PP-honeycomb structure

PP-base layer

PP-decor film

ALPHA-TAPE ZERO®  
HONEYCOMB

## ALPHA-TAPE ZERO® HONEYCOMB EXCLUSIVE FEATURES

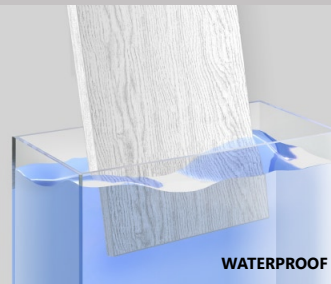
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### Completely welded

with PP-honeycomb structure, PP-base layer and PP-decor film, even in the edge joint

### Lightweight structure, 100% waterproof

Available as in- or outdoor-edge banding  
decors, solid colors, Metal Effect, embossings





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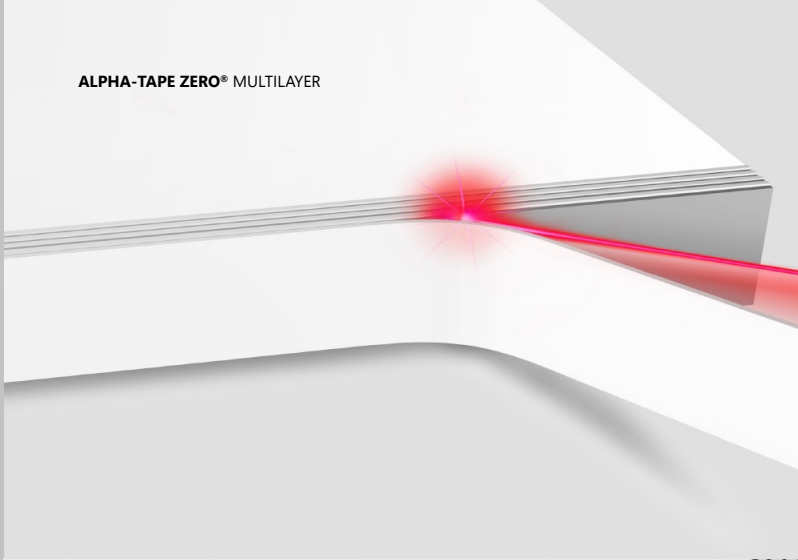
# MULTILAYER PROCESSING

ALPHA-TAPE ZERO® CAN DO MORE

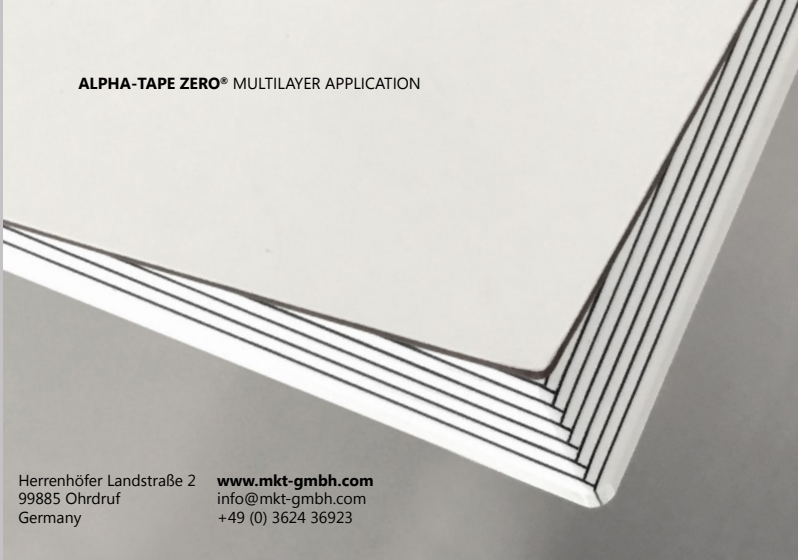
ALPHA-TAPE ZERO® can be fully welded with our conventional ALPHA-TAPE® PP edge banding and with itself. It is possible to process multiple, fully-welded layers on top of each other (MULTILAYER) and the edging result will still remain even and homogeneous.

Even intentionally chosen color differences or contrast changes can be realized by using different colored edges or functional layers. Customized edging solutions starting at lot size one can be created, which at best have previously been realized by special profiles.

ALPHA-TAPE ZERO® MULTILAYER



ALPHA-TAPE ZERO® MULTILAYER APPLICATION



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