



**CLOSED AND SELF HEALING SURFACE**  
The intelligent surface for the smart  
application

**Polyform 3D** is a new human machine interface technology. It generates a customized 3D shaped panel geometry with a high quality and self healing Polyurethane surface.

It can integrate control and display elements.

Further functions like capacitive touch, back light and much more can easily be integrated.

Save cost and reduce number of production tools required plus reduce workflow in the assembly line.

Discover new **design freedom** for 3D objects with self healing and closed surface.

- Any shape and hardness
- Any structure and look i.e. leather, wood and more
- Self healing
- Closed surface – 100% water proof, easy to clean

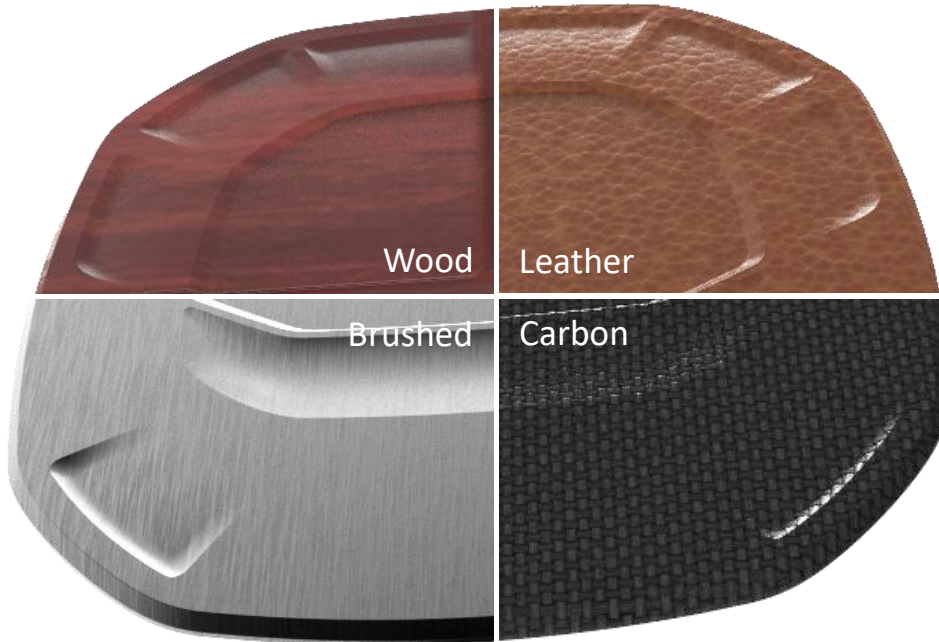
**Distinguish the look** by combining various colors and surface structures to emphasize your brand.

- Unique: Gloss / matt / brushed, also seamless next to each other
- Any color, also combined
- Crystal clear window for integrated display or touch screen
- Deadfront

Polyform3D **enables all functionalities** like a button – even with light - with or without tactile feeling, capacitive function and/or slider.

- Tactile buttons
- Slider
- Capacitive
- Backlight





3D shape



Self healing



Gloss / Matt



Any color



Back light



Touch screen



Back printed



Glass effect

**Discover this closed and self healing surface  
and enjoy full design freedom.**

## **Polyform 3D**

**The Abatek innovation.**

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- Tokyo, Japan
- Cikarang, Indonesia

