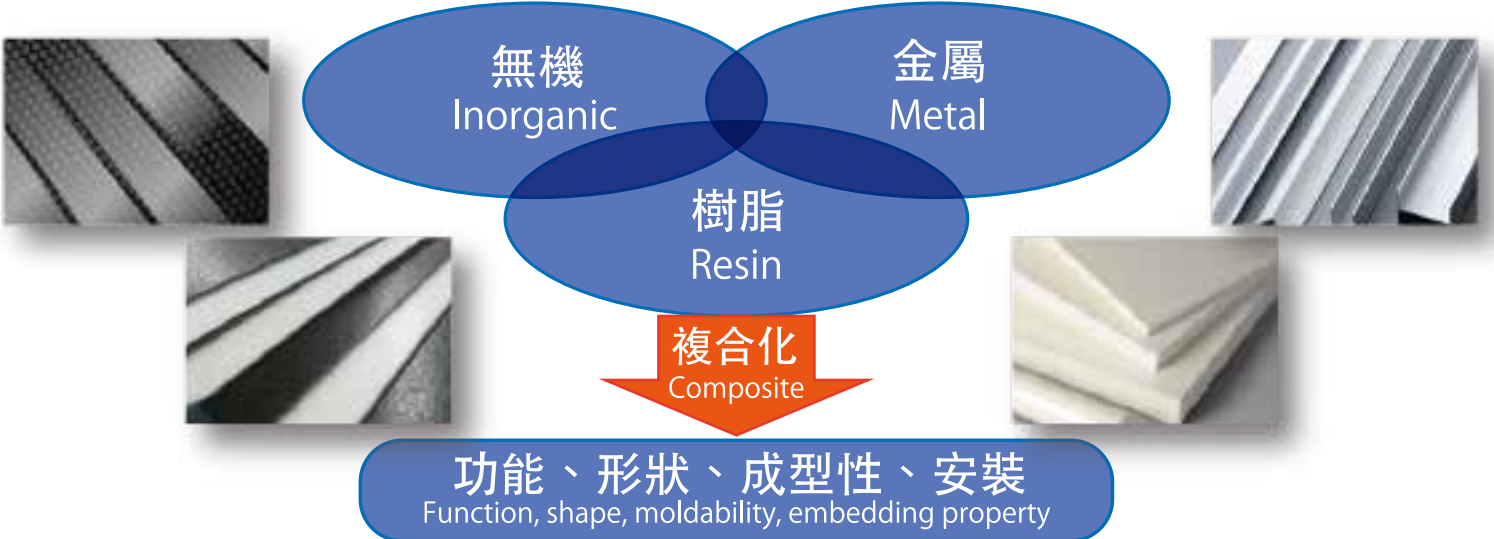


異種材料黏合

Bonding different materials

- CFRP + PP發泡材料 + CFRP
- CFRP + 鋁 + PBT樹脂
- CFRP + PP foam material + CFRP
- CFRP + Aluminum + PBT resin



黏合複合材料 ADDITION CFRP

透過異種材料黏合技術，實現「輕量化、裝飾化、低成本化」

Bonded Composite Material Addition CFRP

"Light weight, decorative, and low cost" based on the technology of bonding different materials

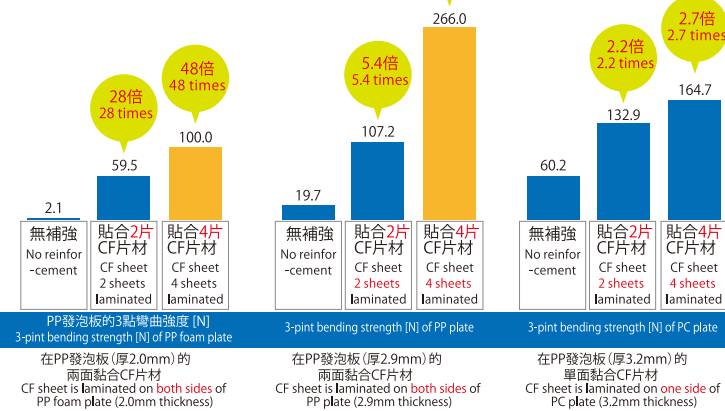
透過黏合碳纖維UD片材的塑膠補強效果

Reinforcement effect of plastic by laminating the carbon fiber UD sheet

試驗方法：JIS-K7074的3點彎曲試驗

1片CF (碳纖維) UD片材的厚度：0.2mm

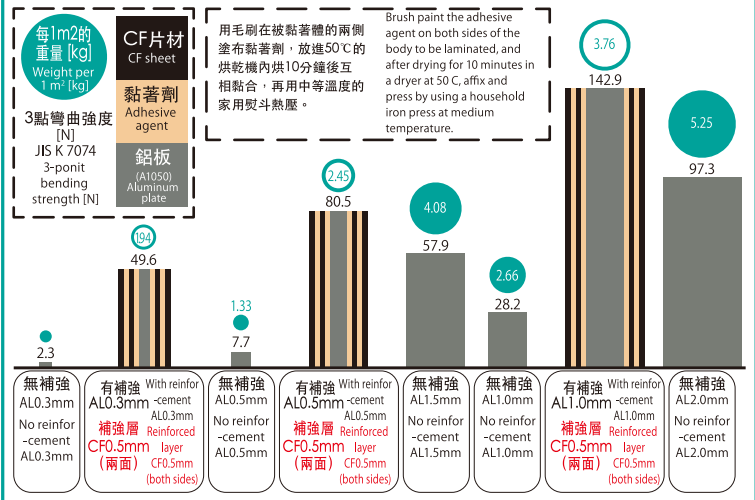
Test method: 3-point bending test of JIS-K7074
Thickness of one CF (carbon fiber) UD sheet: 0.2 mm



- CFRP面可塗裝、印刷。
- 亦備有用來與其他零件黏著的矽膠黏合劑 (緩和熱線膨脹)。
- 可與CF黏合，亦提升振動性的耐久性。
- 實現CF面 (表裡) 的絕緣性。
- 利用阻氣性黏合劑提升耐久性。

透過使用黏著方法的CF片材補強實現鋁板輕量化

EASY! Making light weight aluminum plate through CF sheet reinforcement by using the adhesive method



- Painting and printing possible on the CFRP surface.
- Silicone bonding agent (reduces thermal expansion) is also available for bonding with other components.
- Bonding with CF is possible, and vibration durability is also improved.
- Insulation of CF surface (front and back) is also possible.
- Durability is improved by gas barrier bonding agent.