
Structural Panel

■ Structural Panel

- Designing and manufacturing structural panels since early 1980s and the first launch in 1987
- Flight-proven on DS2000 satellite standard platform for domestic and overseas programs
- Both CFRP and aluminum face sheet panels being manufactured in-house under established and well-controlled process
- Various sizes and types manufactured at Sagami Factory
- More than 2000 structural panels delivered globally

■ Standard Panel Configuration

- Dimensions:
 - up to 3.2 x 2.8 m (CFRP face sheet sandwich panel)
 - up to 6.5 x 3.4 m (Aluminum face sheet sandwich panel)
- Face sheet:
 - Torayca(TM) M60JB-3000 plain weave fabric / #2580-14 resin, as the standard of CFRP face sheet panel
 - 2024-T81 t=0.010IN, as the standard of AL face sheet panel
- Honeycomb core:
 - 5056-1.0PCF, 1.6PCF, 2.0PCF, 3.1PCF, 4.5PCF, 8.1PCF, as standard options
 - Thickness heritages up to 150mm
- Insert: Various heritages with Structural insert, Integration insert, Edge insert
- Thermal control integration: Heater bonding and wiring, Black paint or OSR installation on AL face sheet feasible
- Manufacturing versatile panel configuration per customer requirements is feasible under "built-to-print" basis.

