

# VITALLY® ALUMINIUM COMPOSITE PANEL



## WHY IS IT GREEN?

### Low VOC & Regional Materials

- The aluminium skin of the panel could be 100% recyclable.
- Mineral core could be recycled or reused.

## PRODUCT FEATURES

- Vitally® ACP surfaces are coated with Kynar 500® PVDF (70% PVDF resin) formulated coating. PVDF has exceptional weather characteristic in resistance to colour fading, chalking, peeling, dirt collection and chemical staining. This coating system is compliant to the industry requirements of AAMA 2605 standard.
- Vitally® FR ACP is compliant to industry codes of requirements: BS8414, CIDB PPS, MS 2571:2017, Class "O", as well as BS6853:1999, EN13501 and ASTM E84.
- **Sound Insulation**
  - Tested with standard ISO 10140-2:2010 Part 2: Measurement of Airborne Sound Insulation
  - Great sound insulation reduces noise transmission hence improving the indoor sound quality
- **Thermal Insulation**
  - Tested with ASTM C518-17
  - Low thermal conductivity reduces heat transfer and saves indoor energy consumption
- Standard panel thickness of 4mm
- Standard aluminium skin thickness of 0.4mm & 0.5mm
- Aluminium skin with aluminium alloy AA3003
- Vitally owns a QC lab with a complete set of QC equipment for monitoring quality in statistical procedures to produce high conforming products with less wastage
- Lightweight and great flexibility of design
- Easy fabrication and fast installation
- Low and easy maintenance

## PRODUCT CERTIFICATION & COMPLIANCE

- BS8414-1:2015+A1:2017
- ASTM E84-19b
- EN13501
- CIDB PPS
- MS 2571:2017
- BS476 Part 6 & Part 7,
- ISO 10140-2: 2010 Part 2 (Acoustic)
- ASTM C518-17

## APPLICABLE GBI CREDITS

NRNC	EQ4, MR3
RNC	EQ2, MR3
INC	EQ4, MR3
NREB	EQ4
IEB	EQ4
INTERIORS	EQ2, MR3

## COMPANY DETAILS

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