

Cristolite™ Facade Panel - Technical Datasheet



Moelanos Natural Stone Cristocomb™ Facade

Cristolite™ is our innovative, high-performance lightweight stone panel designed to meet the stringent demands of today's construction industry. It's particularly well suited for exterior high-rise facades for its fire and mechanical performance.



Cristolite Panel Section

Key Features -

- Stone veneer bonded to inorganic backing board
- A2 fire resistance
- Thickness of 25-30mm dependent on stone veneer
- Weight of 37-49 Kg/m²
- Panel sizes up to 2.65m x 1.25m
- Mechanically retained by undercut anchors to an aluminium support rail system
- A range of finishes available e.g. Satin, Textured

Benefits -

- ⊕ Loading on building is significantly reduced, allowing for more affordable building design
- ⊕ High-impact resistance
- ⊕ Maximum resistance to fire and heat
- ⊕ Large format panels
- ⊕ Strong mechanical performance
- ⊕ Visual aesthetics of natural stone