



Newbrel Ltd

UltraGlaze-NC Panels

Architectural Fabrications for
the Construction Industry



UltraGlaze-NC Panels have been tested at Exova Warrington Fire and have achieved a fire classification of A2 s1 d0 in accordance with EN 13501-1.

They are available in a variety of thicknesses ranging from 24mm up to 200mm in 1mm increments. The faces can be either Aluminium (1.5mm to 3mm) or Galvatite (1mm to 3mm) or in any combination. We can offer the panels in a range of finishes such as polyester powder coating, anodising or mill finish.

UltraGlaze-NC Panels can be manufactured with differing edge details. These can be either square edge, rebated edge or grooved suitable for toggle fixing.

UltraGlaze-NC

Panels

Technical Details

Specification

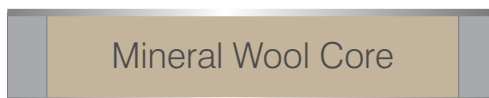
Facing Materials	1.5 to 3mm Aluminium or Galvatite
Surface Finish	Syntha Pulvin or Interpon D polyester powder coating to BS EN 12206-1:2004 Anodising to BS EN ISO 7599:2010
Insulating Core	21mm to 197mm Lamella type mineral wool – 120kg density incorporating a non-combustible hard edging to the perimeter
Adhesive	One part moisture curing polyurethane, 100% solids, spray applied
Manufacture	All panels are vacuum bonded and have all edges taped

Properties

Temperature Limits	-40/+130 degrees celsius
U-Value	From 1.2 to 0.188 W/m ² K dependent upon thickness of insulation
Acoustic Value	31dB Rw approximate. (28mm panels)
Fire Rating	Euroclass 'A2 s1 d0' to EN 13501-1: as tested by Exova Warrington Fire Test No:- WF400364
Insulation	CFC & HCFC free with zero ODP – BREEAM 'A' + Rated
Life Expectancy	In excess of 20 years
Powder Coating	Up to 30 years
Anodising	Lifetime

Edge Details

Square Edge Detail
Non Combustible Hard Edge



Rebated Edge Detail
Non Combustible Hard Edge

