

Thin Crystallized Glass Ceramic Panels – The Adaptable Surface Material

Neopariés LT is a unique glass building material, made by a highly sophisticated and specialized technique of crystallizing glass. The many performance attributes of Neopariés LT make it ideal for wall cladding or as an alternative to tile for interior and exterior surfaces.

Neopariés LT is available in large panels to accentuate a bright and clean appearance. Unlike many architectural cladding and paneling materials, Neopariés LT is nearly graffiti proof – greatly reducing maintenance problems and costs. The extremely smooth surface yields zero water absorption and nearly eliminates damage that can be caused by corrosion. Neopariés LT is characterized by an extremely high sheen. This reflectivity of light frequently allows the reduction of artificial lighting, thus saving energy costs.

FEATURES

- Bright, smooth surface appearance
- Adaptable to a wide range of interior or exterior uses
- Will not fade, warp, swell
- Sanitary, wipe clean surface
- High resistance to staining, pollution, graffiti
- Thin and lightweight for easy installation

COLORS

Neopariés LT is available in white.

CHARACTERISTICS

BENDING STRENGTH (N/mm ²)	57
MOH'S HARDNESS	6.0
THERMAL EXPANSION COEFFICIENT Coefficient (x10 ⁻⁶)	7.2
WATER ABSORPTION RATE* (%)	0.0
THICKNESS	3/16" (5 mm)
STOCK PANEL SIZE	47-1/4" x 94-1/2" (1200 mm x 2400 mm)

*Weight increasing rate of test piece of 25" x 25" x 15 mm after 48-hour immersion in water.

FABRICATION

Neopariés LT is available in both stock panels and cut to size configurations. Fabrication of the product is similar to sheet glass. Neopariés LT can be cut, chamfered and polished by those who are equipped and comfortable with sheet glass fabrication.

INSTALLATION

Neopariés LT can be adhered to surfaces such as waterproof plywood, other boards or concrete using traditional mastic adhesives and caulk. L-angle stainless steel supports may also be required to bear the additional weight of larger panels. It is recommended that the substrate wall be primed prior to installation of Neopariés LT.



SPECIFICATIONS

Complete 3-part CSI format specifications are available online at www.tgpamerica.com, or by calling 800.426.0279. Please contact Technical Glass Products for more information.

INSPECTION, SHIPPING & HANDLING

Upon receipt, compare Neopariés LT with the control samples to ensure the correct color has been received. Inspect for blisters, surface defects and any warpage (which should be less than 1.0 mm). Place in a square and measure the panel for squareness. Panels should have an accuracy of 0.1 mm.

Standard packaging for Neopariés LT is a wooden crate. Crates should not be stacked more than two high.