

# Product Data Sheet

2014-1 (Rev. 12.14) Supersedes All Previous Revisions

## Nudo - Endurex 350P

Porcelain (Ceramicsteel) Architectural Panel

Endurex 350P panels are sold as composite panels with a variety of core materials. The core options include a tempered hardboard, corrugated polypropylene, or cement board. The surface is generally smooth but a textured surface is available at a higher cost. The panel is primarily used as a glazing panel. Also referred to as either an In-Fill panel or a Storefront panel. Endurex 350P has a Porcelain finish which is available in eight standard colors. The panel has a Class A rating for flame spread and smoke developed when tested per ASTM E-84.

Table 1 – Physical Properties – Endurex 350P

	Nominal Thickness	Nominal Panel Weight	Colors	Sizes
Item				
Endurex 350P	¼"	2.0 psf – Corrugated 2.6 psf – Hardboard 3.6 psf – Cement Board	Bone White, Stone White, Colonial White, Antique White, Sahara Sand, Hartford Green, Dark Bronze, Matte Black.	Cut to Size

Table 2 – Physical Properties – Endurex 350P

Property	Test	Value	Unit
Fire Rating - Flame Spread and Smoke Developed	ASTM E-84	Class A	N/A

## Typical Applications

As an exterior panel primarily used in a window frame, curtain-wall or storefront. The panel is generally glazed into the window channel in place of glass. Often used on schools, office buildings, retail stores, fascias, soffits, etc.

## Features

The Porcelain finish comes in eight standard colors. Bone White, Stone White, Colonial White, Antique White, Sahara Sand, Hartford Green, Dark Bronze, Matte Black. The Porcelain finish is protected by a film that pulls away when ready for use. The hardboard core is impact resistant. Cement Board, Corrugated and Plastic are also moisture resistant.

## Cut-To-Size

The Endurex 350P can be ordered in sizes cut to user provided dimensions. Nudo Products, Inc. offers optimization services but does not calculate take-offs.

## Storage

Panels should always be stored flat on a smooth surface above the ground. A pallet with a smooth piece of plywood beneath the panels is best to avoid any warping or waviness. As with most building products, it is best to acclimate the panel on-site 48 hours before installation. Although the panels are moisture resistant, be sure panels are kept dry prior to installation to insure water is not trapped under the protective film.

## Handling

Although Endurex 350P panels are rigid and have good impact resistance, the Porcelain faces can be scratched or dented if not handled properly. Do not drop or bump the panel on its edges as this may cause unwanted bending of the steel. Do not slide the panel edges or face over rough surfaces that may cause bending or scratching. Pick panels up when handling as compared to sliding panels across each other. Sliding panels may cause scratches on one or both face.

## Optimization

When performing panel optimizations for the purpose of cutting panels to size, always check to insure if the surface finish is "directional". Some finishes require the panels to be installed so all panel surfaces run the same direction.

## Fabricating

**Note:** Use protective eyewear such as goggles or safety glasses, cover your nose and mouth with a filter mask when cutting Endurex 350P.

Always position the panel so the saw blades enter the exterior side first to avoid chipping and damage.

Cutting: Use a 60-tooth circular saw with a carbide tipped blade.

## Cleaning & Maintenance

The Endurex 350P requires almost no maintenance. If the surface does need to be cleaned, use a mild cleaning detergent with water.

## Tolerances

Thickness: + or - 1/16"  
Width: Plus 0", Minus 1/8"  
Length: Plus 0", Minus 1/8"  
Square: + or - 1/4"

## Warranty

Endurex 350P has a 5 Year Panel Warranty and a 20 Year Warranty on the Porcelain finish.

**We believe all information provided is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, the user assumes all risks. Nothing herein shall be considered as a recommendation for use that infringes on valid patent or as extending a license under valid permit.**

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