NUDO
Nu-Alum Panels

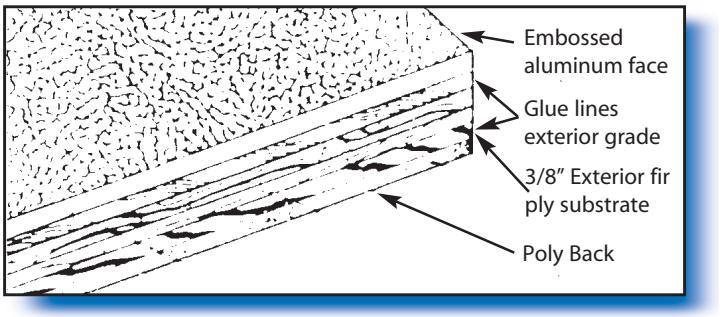
- Nu-Alum panels are an aluminum overlay factory laminated to various substrates on one or both sides.
- Nu-Alum panels are ideal for new or retrofit construction as they install directly to studs, ceiling joists, furring strips or solid surfaces.
- Nu-Alum panels are low maintenance and weather resistant.
- Nu-Alum panels are attractive, durable and will not hold dirt or food particles.
- Nu-Alum panels resist moisture, stains, odors, chemicals and are easy to clean.
- Nu-Alum panels panels have a 15 year limited warranty.
- Nu-Alum panels are available with a clear protective film (for packaging) upon request.
- Nu-Alum panels are available with factory applied 8 mil poly (High Density Polyethylene) backer upon request.
- Insulated Panels Available

OVERLAY

Aluminum (.013") with a baked-on polyester paint system finish is available either embossed (stucco) or smooth.
Aluminum is available in white, bronze, almond or beige embossed or white smooth. Other colors are available upon request.
Aluminum has excellent weather resistance, is low maintenance, is cost competitive and is acceptable for use in USDA facilities.
Aluminum meets Class I/A Fire-rated requirements for all building codes (ASTM E-84).

SUBSTRATE

American Plywood Association (APA) rated exterior plywood and Oriented Strand Board (OSB-waferboard) available.
Fire-rated plywood, particleboard or gypsum available.
Moisture resistant (CCA treated KDAT) plywood available.
Expanded or extruded polystyrene foam cores and tempered hardboard available.
Tongue and groove edging available on two or four edges.
Other substrates available upon request.



N1P375	3/8" Fir Exterior Plywood	4' x 8', 10', 12'
N1P375-Poly	3/8" Fir, Poly Backing	4' x 8', 10', 12'
N1W375	3/8" Waferboard – OSB	4' x 8', 10', 12'
N1DF375-FR	3/8" Fire-Rated Particleboard	4' x 8', 10'
N1P500	1/2" Fir Plywood	4' x 8', 10', 12'

Notes: Use letter - S - for smooth (SN1P375)

* Partial product list

Physical and Engineering Properties of Nu-Alum

Physical and Engineering Properties of Aluminum

	ASTM No.	Value/Units
Min. tensile strength	E8-89	22,000 PSI
Min. yield	E8-89	18,000 PSI
Elongation	E8-89	1%
Density		.099 LBS./CU.IN.
Melting point		1,200°F
Specific heat		.215 BTU/LB° F -
Lin. Coef. of Exp.		13.3x10 $^{-6}$ IN/IN/° F
Modulist of elasticity		10 x 10 ^{6}
Flame spread	E84**	20
Smoke developed	E84	70
Corrosion resistance		Excellent