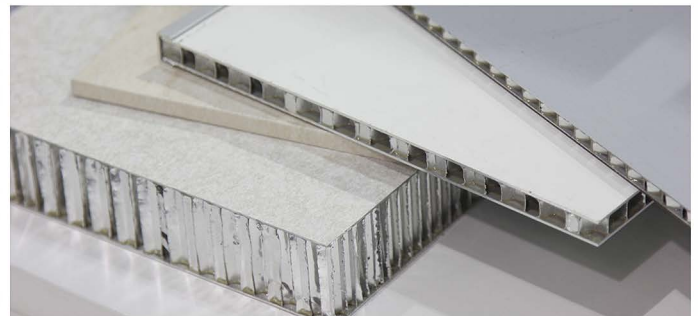
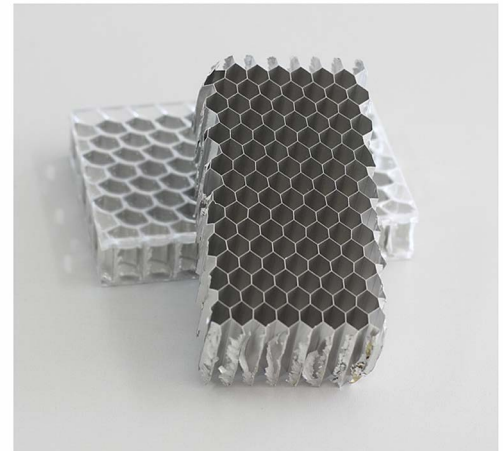


ALUCOAT is a Spain based company producing high quality Aluminium Honeycomb Core, **aluNID®** that can be used for a wide variety of applications.

Our Aluminium Honeycomb core will be tailored to the exact requirements of the customer and can be supplied in different conditions. **aluNID®** prides itself in offering solutions in collaboration with the customer and works together with large and small businesses both nationally and internationally.

aluNID® is used in such diverse sectors as building, architecture, transport (rail, naval, among others), industry and many others different applications thanks to its unique composition and properties.



Properties

- Light
- Resistant and strong compression and shear
- Incombustible
- Recyclable
- Electrical and thermal conductor
- Excellent flatness
- Corrosion resistant



Building



Naval



Automotive



Railway



Interior Design

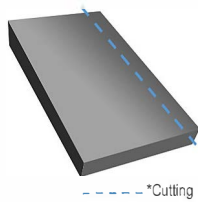
Mechanical Properties

Example of reference for your order:

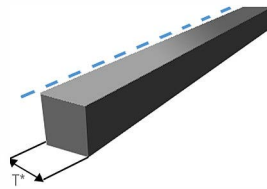
aluNID® 3000 - **O 1/4"** - **56** - **L1500-W3000** - **P** - **T10** - **B** - **EX**
 Alloy - Cell Size - Density - Expanded Dimensions - Perforated Thickness - Cutting Tolerance - Expanded

Sold in 3 shapes:

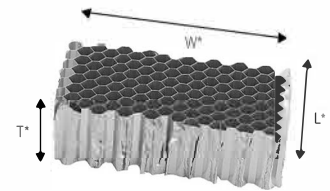
Unexpanded Blocks (BLQ)



Unexpanded slices (NEX)



Expanded sheets (EXP)



* T = Thickness, L = Length, W = Width

ALUCOAT designation	ø inch	ø mm	Foil µm	Density kg/m ³	Compressive Strength		Crush Strength Mpa	Plate Shear			
					Plain Strength Mpa	Stabilised Strength Mpa		In L direction		In W direction	
					Strength Mpa	Strength Mpa	Strength Mpa	Strength Mpa	Strength Mpa	Strength Mpa	
aluNID® 3000	1/4	6,35	50	56	2,2	3,50	0,90	1,65	327	0,97	172
aluNID® 3000	3/8	9,52	50	40	1,2	1,95	0,50	1,10	214	0,64	107
aluNID® 3000	1/2	12,7	50	29	0,70	0,95	0,30	0,70	143	0,43	68
aluNID® 3000	3/4	19,1	50	20	0,35	0,60	0,15	0,40	90	0,28	40
aluNID® 3000	1/4	6,35	70	80	4,15	4,30	1,65	2,70	511	1,50	284
aluNID® 3000	3/8	9,52	70	54	2,00	2,60	0,85	1,60	312	0,95	163
aluNID® 3000	1/2	12,7	70	40	1,20	1,50	0,50	1,10	214	0,65	107
aluNID® 3000	3/4	19,1	70	27	0,60	0,85	0,25	0,65	131	0,40	61



Building



Naval



Automotive



Railway



Interior Design

Camino de San Luis s/n - Apartado de correos 27, CP. 23700 Linares (Jaén) - SPAIN

Tel.: + 34 953.60.71.90 - info@alunid.com

www.alucoat-conversion.com - www.alunid.com

2