

## Product Data Sheet: NidaBond All Purpose Bonding Compound



5 US gal per pail  
or 18.9 Litres

Shelf life 90 days from  
date printed on pail.

Additional documents  
available regarding NidaBond:

- \*Mechanical Data Sheet
- \*Application Guide
- \*MSDS

Normal application of Nida-Bond CBC on a flat, smooth surface would require about 1/16" per square foot although in certain gap filling applications can be used up to 1/4" thick. Below are coverage rates per gallon and weight per square foot at different thicknesses.

**Nida-Bond** is a specially formulated, polyester based core bedding compound developed by Nida-Core Corporation for hand lay-up and vacuum bagging core installation. Use of premium resins results in high tensile and flexural strength. Its high adhesive strength provides an excellent bond between the core and the laminate. Its is suitable for most coring applications and is compatible with our Foamline, BalsaLite and Nida-Core, Tecno-Core, PVC and SAN foam core materials. Characteristics include: lightweight, non-sagging, and long working time for coverage of large areas. Consult MSDS for additional handling, storing and safety information. Nida-Bond is available either Pumpable or Trowelable

Material Temperature	% by weight	gm/gal	gm/5gal	cc/gal	cc/5gal	30ml/shots
50-60° F	2.50	73	349	70	335	11
60-65°	2.25	65	314	63	301	10
65-70°	2.00	58	279	56	268	9
70-75°	1.75	51	244	49	234	8
70-75°	1.75	51	244	49	234	8
75-80°	1.50	44	209	42	201	7
80-85°	1.25	36	174	35	167	6
85-90°	1.00	29	139	28	134	4
90-95°	0.75	22	105	21	100	3

## Product Data Sheet: NidaBond All Purpose Bonding Compound

Thickness	Square feet per gallon	Weight per square foot
1/16"	25	2 oz
1/8"	12.5	4 oz
3/16"	9.38	6 oz
1/4"	6.25	8 oz

General & Mechanical Properties	Nida-Bond	
Color	White	
Gel Time	38-45 min	
Weight per Gallon/Liter	6.4-6.6 lbs/.779 Kg per liter	
Working Time (1/32" thick@88F shop temp)	45 min	
Tensile Strength	1032 psi	
Tensile Elongation	1.46%	
Tensile Modulus	147000 psi	
Viscosity @ 2.5 rpm	380000mincps	460000maxcps
Viscosity @ 20 rpm	70000min cps	92000max cps