

CORMASTER NOMEX INDUSTRIAL C2

HIGH PERFORMANCE LIGHTWEIGHT MATERIAL
FOR INDUSTRIAL APPLICATIONS

ADVANTAGES

Excellent cost-benefit ratio.
Superior mechanical properties with high strength to weight ratios
High dimensional stability under heat and moisture
High temperature capabilities, service temperature up to 180°C
Product uniformity and exceptional resin to paper cohesion

DELIVERY TIME

NOMEX honeycomb is available from Corex Honeycomb stock, ensuring short lead times. Delivery time on request.

MATERIAL

Non metallic structures made from NOMEX® T722 paper sheets Bonded together and coated with a phenolic resin.

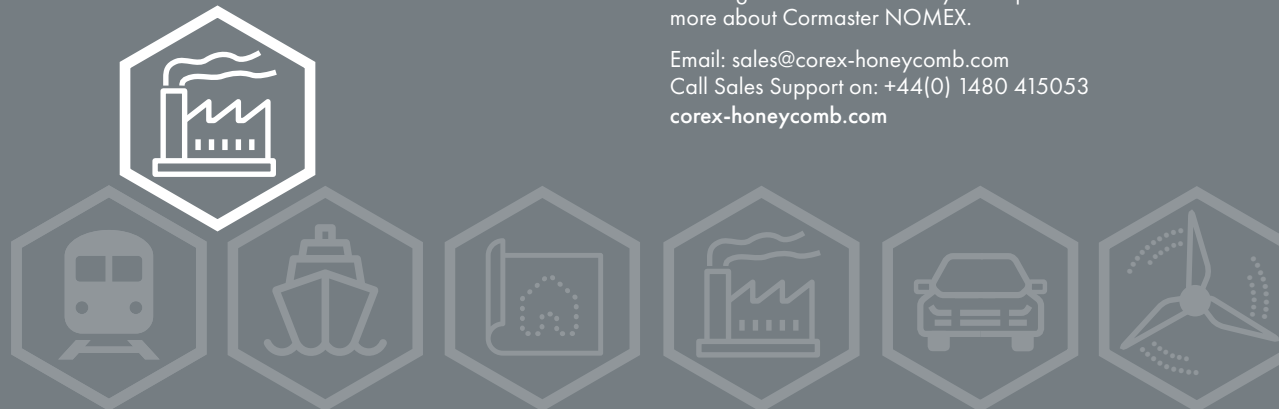
APPLICATION

Main structural sandwich applications in industrial applications (f.e. automotive, naval, rail, transport and sports industries)



Please get in touch to discuss your requirements and to find out more about Cormaster NOMEX.

Email: sales@corex-honeycomb.com
Call Sales Support on: +44(0) 1480 415053
corex-honeycomb.com

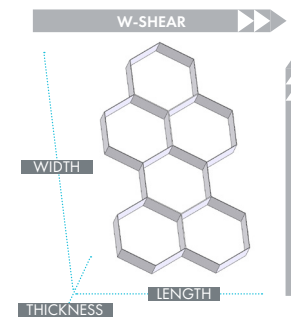
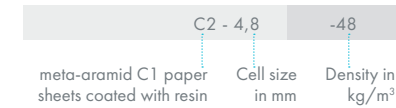


TECHNICAL DATA CORMASTER NOMEX INDUSTRIAL C2

		compressive strength (MPa)		shear strength (MPa)		shear modulus (MPa)	
		bare	stabilized	L	W	L	W
HEXAGONAL CONFIGURATION							
C2 - 3,2	-48	1,8	2,0	1,2	0,7	36,0	24,0
	-64	3,0	3,4	1,6	0,85	50,0	35,0
	-80	4,4	4,6	1,75	1,0	56,0	32,0
	-123	9,9	10,0	3,0	2,0	91,0	65,0
C2 - 4,8	-32	0,8	0,9	0,55	0,32	18,0	13,0
	-48	1,8	2,0	1,12	0,54	37,0	23,0
	-64	3,0	3,2	1,6	0,85	50,0	27,0
	-96	6,5	6,8	2,35	1,3	74,0	36,0
C2 - 6,4	-32	0,6	0,7	0,5	0,35	17,0	13,0
	-50	1,9	2,0	1,1	0,53	37,0	16,0
	-64	3,2	3,3	1,35	0,72	46,0	23,0
C2 - 9,5	-32	0,6	0,7	0,6	0,3	15,0	12,0
	-48	1,3	1,57	0,82	0,4	28,8	18,5
OVEREXPANDED CONFIGURATION							
C2-4,8	-29 OX	0,5	0,6	0,25	0,3	8,0	12,0
	-48 OX	1,7	2,0	0,5	0,7	15	25,0
C2-6,4	-48 OX	1,7	2,0	0,5	0,55	18,0	23,0
	-56 OX	2,0	2,1	0,6	0,7	21,0	29,0

Honeycomb density: the allowable tolerance is +/- 10 % from the nominal density. Exceptions to this are 3.2-29, 4.8-29 OX and 6.4-24, which have a tolerance of +/- 13 % of the density. These mechanical properties are only representative.

Please note, that it is important to consider the different properties for L- and W-Shear and confirm the Cormaster type to enable us to provide a quotation.



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