

CORAPAN® AL 85



Typical values for the core material of CORAPAN® AL 85:

Properties	Standard	Unit	Value
Nominal density	ISO 845	kg/m³	85
Compressive strength	ISO 844	N/mm²	0.45
Shear strength	ISO 1922	N/mm²	0.28
Shear modulus	ASTM C393	N/mm²	14
Thermal conductivity at room temperature	ISO 8301	W/m·K	0.037
Thermal stability		°C	ca 40 / + 80

Dimensions	s	
Format	Max. 2'480 x 9'500 mm	
Thickness	15 to 60 mm	



Permissible surface load for a given span The value of the load is the value which is applied at a deflection of span/300

1'450 1'400 1'350 1'300 1'250 1'200 1'150 1'100 1'050 1'000 950 900 800 -Thickness 25mm 750 - Thickness 30mm 700 - Thickness 40mm 650 600 - Thickness 50mm 550 500 450 400 350 300 250 150 100 50 1.1 1.3 1.5 1.6 1.7 1.9 2.0 2.1 2.2 2.3 2.4

Corapan® AL 85 - Permissible surface loads for given spans

The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability or reliability. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent.