Galvatherm Microrib

THERMAL PROPERTIES					Maximum Allowable Span (FT)						
Thickness (in)	Span Condition	Insulation Factors R $\frac{hrFT^2°F}{BTU}$	Insulation Factors U $\frac{BTU}{hrFT^2°F}$	Panel Weigh (PSF) 26/26 ga	Load Design (PSF)						
					20	25	30	35	40	45	50
2"	imple & Doub Triple	16.26	0.062	2.20	10'-0" 11'-7"	8'-11" 10'-2"	8'-2" 8'-7"	7'-4" 7'-5"	6'-6" 6'-6"	5'-10" 5'-10"	5'-3" 5'-3"

Notes:

1. The maximum spans were based from the loads obtained of laboratory tests according ASTM E-72, which are governed by stress and deflections. Is important to mention that thermal effect due to temperature differential was no considered, however must to be considering in each case.
2. Allowable Deflection L/180
3. The manufacturing of facers are galvanized steel per ASTM A-653 grade 37 (Fy = 37 ksi)
4. Elasticity Modulus of Steel 29,000 ksi
5. In order to know the allowable load governed by connection, please contact to technical department