

Aqua Grate® Pedestrian Grating Details

Aqua Grate T1210 and T1215 pultruded pedestrian grating is specifically engineered to withstand the corrosive conditions associated with recreational and general marine applications and to meet ADA guidelines. With its nominal 6.4mm space between the 38mm wide bearing bars, Aqua Grate offers optimum comfort and safety for bathers walking with bare feet — a must in high-traffic, public recreational areas. Aqua Grate grating has a unique combination of corrosion resistance and lightweight, which provides easy, inexpensive installations in facilities such as swimming pools, water parks, marinas, and piers.



Boat dock on Horseshoe Lake in Haliburton, Ontario.

Aqua Grate is available in various lengths and widths, making it suitable for a range of waterfront and recreational applications. The fine grit surface of Aqua Grate provides a high level of slip resistance, yet at the same time, offers a comfortable barefoot walking surface. Protection against long-term UV exposure is provided by a synthetic surfacing veil and UV inhibitors in the resin formulation. Whether subjected to chlorinated water in public and private pools or saltwater environments found in marine and waterfront applications, Aqua Grate will provide years of low-cost, low-maintenance service.



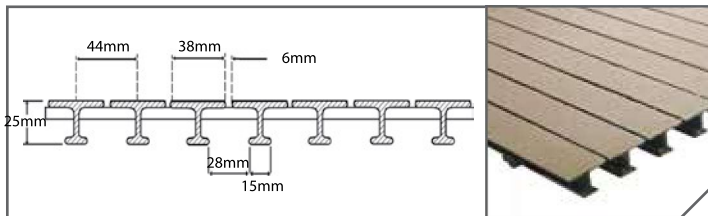
Corinthian Yacht Club Harbor in San Francisco, California.

Grating Details

Refer to chart on page 4 for Grating Selection.

25mm Deep T1210 (ADA Compliant)

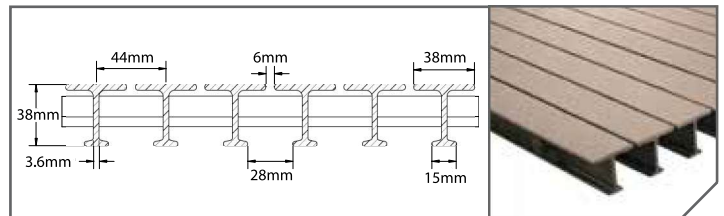
# of Bars/ m of Width	Load Bar Depth	Open Area	Load Bar Centres	Approximate Weight
23	25mm	12%	44mm	13 kg/m ²



Section Properties per m of Width: A=5.21x10³ mm² I=4.37x10⁵ mm⁴ St=5.05x10⁴ mm³ Sb=2.63x10⁴ IN³
Average EI = 14342 kN-mm² (SPAN ≥ 610mm)

38mm Deep T1215 (ADA Compliant)

# of Bars/ m of Width	Load Bar Depth	Open Area	Load Bar Centres	Approximate Weight
23	38mm	12%	44mm	15 kg/m ²



Section Properties per m of Width: A=6.75x10³ mm² I=1.27x10⁶ mm⁴ St=9.25x10⁴ mm³ Sb=5.22x10⁴ mm³
Average EI = 41680 kN-mm² (SPAN ≥ 610mm)