

鋁合金格柵板 ALUMINUM GRATING

Corrosion resistant, non-sparking, rustproof aluminum grating has many applications due to its light weight and high strength. It is ideally suited for use in corrosive environments and finds wide applications as walk-ways and platforms in sewage treatment plants, refineries, chemical processing plants, pumping and compressor stations, and aboard ships and barges. Because it does not rust, it is commonly used in breweries, bottling plants, and food preparation and storage facilities. In monition plants, other volatile industries and areas, its non-sparking properties make it a must for safety. It is available in standard or anodized finishes.

Swage-Locked I-Bar Grating is the most widely used and provides the strength equal to a rectangular bar of the same depth, but at far less weight and cost. The I-bars are permanently locked to the cross rods (positioned every 50 mm or 100 mm) by a swaging process.

Swage-Locked Rectangular Bar Grating uses the swaging process to permanently lock the cross rods (positioned every 50 mm or 100 mm) to the rectangular bars.

Press-Locked rectangular bar grating is constructed with the two using tremendous hydraulic pressure. Permanent locking is achieved by forcing the deep cross bar into the bearing bar. In the press-locked design, both the cross bars and the bearing bars provide interference close-tolerance, and they are bonded together (positioned every 50 mm or 100 mm) by hydraulic pressure.

Rectangular bar grating in either the swage-locked or press-locked styles is your best choice when lateral stiffness is required. The rectangular bar is also available in a serrated surface for additional safety.



因其重量輕，强度高，耐腐蝕，不起靜電火花，不生鏽，鋁合金格柵有許多出色的應用。它較為適合用於腐蝕性的環境，在污水處理廠，精煉廠，化學處理廠，水站及壓縮機站，輪船和游艇等方面廣泛用作走道和平台。因為不生鏽，它常用在釀酒廠，瓶裝廠，食品加工及儲存設備。因其不起靜電火花的性能，使其在危險品廠房，其它如飛機行業和區域成為安全考慮的必然選擇。鋁合金格柵板的表面通常是本色或經陽極氧化處理。

鍛鎖的 I 型截面鋁合金格柵板是最廣泛使用的鋁格柵，它提供了與同樣高度的矩形截面鋁格柵相當的強度，但重量輕費用低。通過鍛壓，將 I 型鋁和橫杆永久鎖固在一起（每隔 50mm 或 100mm 間距）。

鍛鎖的矩形截面負載扁鋁格柵，通過鍛壓，將橫杆與矩形扁鋁永久鎖固在一起（每隔 50mm 或 100mm 間距）。

壓鎖矩形截面負載扁鋁格柵，通過極大的壓力將橫杆強力深入入承載杆中，達到永久鎖固。在壓鎖設計上，橫杆和負載扁鋁均提供過盈的緊配合公差通過壓力使橫杆和開槽扁鋁結合在一起（間距 50mm 或 100mm）。

當需要橫向（側面）強度時，鍛鎖的矩形截面負載扁鋁格柵或壓鎖的矩形截面負載扁鋁格柵是最理想選擇。矩形扁鋁也可以是齒形表面，以提供更好的防滑安全性。

