# Danley™ Hyper ArmourMate™

## Stainless Steel - Top Rail System

Edge Protection System

June 2024

## Product Description

**Hyper ArmourMate™ is a premium armour edging solution and is designed for applications where the concrete edge and wear surface must withstand materials handling traffic with small hard-wheels carrying high-loads on a daily basis, in particular semi-automated and automated materials handling environments.**

The Hyper ArmourMate Stainless Steel Top Rail System is used in both internal and external applications where an aesthetic finish is required, or subject to corrosive environments. The Top Rail System incorporates a quick nail plate bracket, allowing it to be attached to the top edge of a timber formboard. This in-turn allows the Hyper ArmourMate Stainless Steel Top Rail System to be utilised in unlimited slab thickness applications where required.

**Note:** For suitability of use in highly corrosive environments, please consult our Danley™ Engineering team.

316 Grade Stainless Steel Hyper ArmourMate™ Top Rail System.

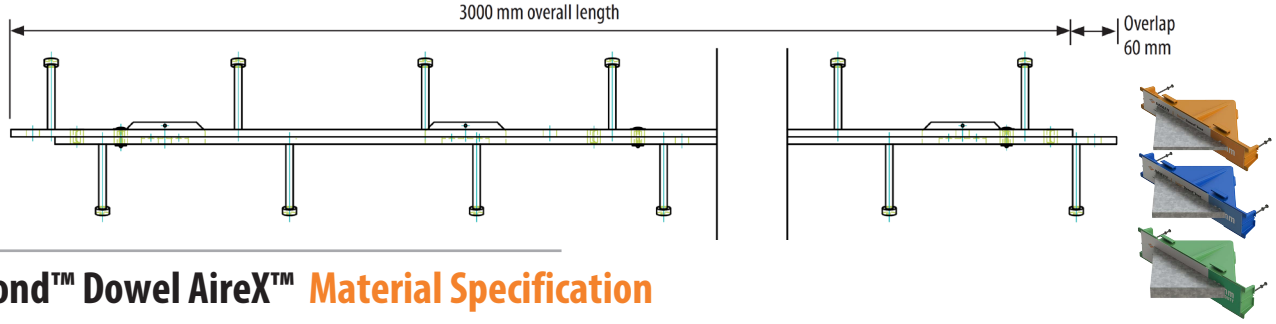
## Top Rail Product Specification

- Supplied in 3 metre lengths
- 316 Grade Stainless Steel Top Rail
- Rail Dimensions: 40mm H x 10mm W
- 100mm x 10mm Cold Drawn Steel shear studs
- 60mm overlap/offset for butt joining of sections
- Galvabond® formwork bracket to fix rail to timber formboard

**Danley™ Hyper ArmourMate™ SS is ideal for applications requiring an aesthetic finish or exposure to corrosive environments, such as food preparation warehouses.**

## Stainless Steel Top Rail Material Specification

| Product Code | Rail Grade | Rail Material Standard | Rail Height (mm) | Length (mm) | Diamond™ Dowel (6mm or 10mm) | Length Weight (kg) | Pack Qty | Pack Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| **AMHYPERTOPSS** | 316 | ASTM A240 Grade 316 | 40 | 3000 | Sold Separately | 22 | 50 | 1100 |




## Diamond™ Dowel AireX™ Material Specification

| Component | Dimension (mm) | Material Type | Material Standard | | Yield Stress (MPa) | Tensile Strength (MPa) |
|---|---|---|---|---|---|---|
| | | | Black | Galv | | |
| **6mm Plate 10mm Plate** | 6 x 110 x 110 10 x 110 x 110 | Steel | AS/NZS 3679.1:2016 | AS/NZS 3679.1:2016 | 325 | 450 |
| | | | | AS/NZS 4680:2006 | | |
| | | Stainless Steel | ASTM A240 Grade 316 | | 205 | 515 |

**Need more information? Contact the Danley™ Customer Service Team.**

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