

# Danley™ Hyper ArmourMate™

## Expanda™ - Full Joint System

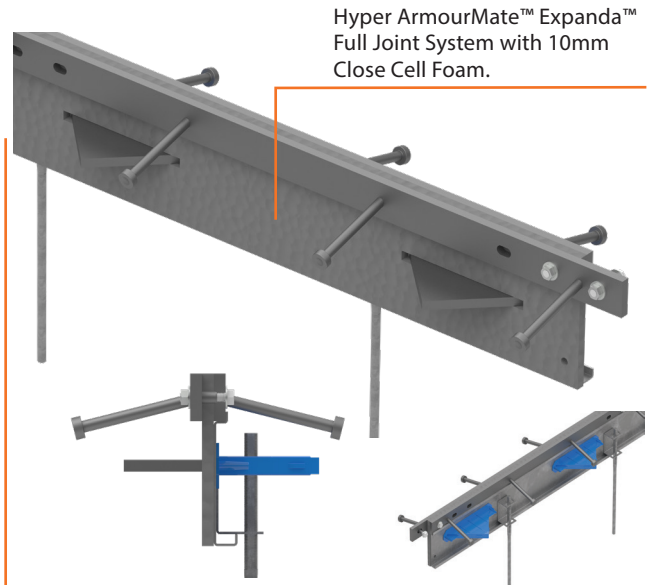
### Product Description

Hyper ArmourMate™ Expanda™ is a premium armour edging solution 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.

Ideally suited to external industrial pavements, Hyper ArmourMate™ Expanda™ is galvanised and pre-fitted with 10mm close cell expansion foam to provide for the thermal expansion of concrete.

### Hyper Expanda™ Product Specification

- Cold Drawn Steel Top Rail. Dimension: 40mm H x 10mm W
- Galvanised top rail, shear studs and separation plates
- Fitted with 10mm close cell foam for thermal expansion of concrete
- 100mm x 10mm Cold Drawn Steel shear studs
- Supplied in standard 3000mm lengths
- 60mm overlap/offset of top rail for butt joining of sections
- Galvanised Danley™ Diamond™ Dowels provide load transfer
- Twist-n-Turn Stake Bracket System



Hyper ArmourMate™ Expanda™ Full Joint System with 10mm Close Cell Foam.

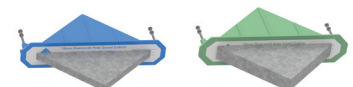


**Hyper ArmourMate™ Expanda™ provides slab edge protection to prevent concrete spalling and provides for the thermal expansion of concrete.**

### Hyper ArmourMate Expanda™ Product Data

Product Codes	Rail Dims H x W (mm)	Length (mm)	Diamond™ Dowel (10mm or 20mm)	Dowel Centres (mm)	FJS Height (mm)	Slab Depth (mm)	Finish
AMHY145FJSG-EF	40 x 10	3000	10mm	450mm	145mm	150-165	Galvanised
AMHY165FJSG-EF	40 x 10	3000	10mm	450mm	165mm	170-185	Galvanised
AMHY190FJSG-EF	40 x 10	3000	10mm	450mm	190mm	195-220	Galvanised
AMHY245FJSG-EF	40 x 10	3000	20mm	450mm	245mm	250-300	Galvanised

### Diamond™ Dowel Material Specification



Component	Dimension (mm)	Material Type	Material Standard		Yield Stress (Mpa)	Tensile Strength (Mpa)
			Black	Galv		
10mm Plate 20mm Plate	10 x 110 x 110 20 x 114 x 114	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

Danley™ 10mm Diamond™ Dowel is also available in Stainless Steel. 20mm Diamond™ Dowel is available in Galvanised ONLY.

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

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