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| **INTENDED USE** The Orion™ TL-3 barrier (**SWM16a/b**) is a high performing temporary steel barrier designed to provide work zone barrier protection to temporary construction sites and other miscellaneous roadside activities. The Orion™steel units are attached together by removable steel pin connectors. The first and last units need to be anchored to the ground with standard (off the shelf) anchor pins. The pre-assembled nature of the barrier simplifies its transportation and deployments allowing for install rates of up to 370 m/h.The Orion™deployment involves placing individual units with a crane and interlocking the sections with a unique ‘twin pin’ connecting rod. Orion™can be deployed straight or with low curvature, on either roadside or median applications.**SWM16a/b** is a NCHRP 350 Test Level 3 accepted barrier**FEATURES AND SPECIFICATIONS*** Positive work zone barrier protection
* Exceptionally good vehicle control and low deflection
* Easy and fast installation (compared to concrete or plastic)
* Up to 185m can be fitted in one truck load
* Up to 370m can be deployed in one hour
* It only requires anchoring at the first and last units
* Low deflection “fully pinned” option also available
* Connects directly to the Absorb 350™ Crash Cushion
* Low cost and easily repaired after impact
* Tested and accepted to NCHRP 350 Criteria, Test Level 3 (TL-3)
* Effective Length: 12.3m (4.3m also available)
* Height: 883mm; Width: 477mm
* Weight (per unit): 896kg; Weight (per meter): 73kg
* Minimum Radius: 124m-355m
* Deflection (2000P): 1.85m

**APPROVALS**FHWA Acceptance Letter: **B-217**. **CONTACT INFORMATION**Armorflex International LTD[www.armorflex.co.nz](http://www.armorflex.co.nz)Telephone: +64 9 4269174156 Foundry RdSilverdale, Auckland 0932New Zealand   |
|  ORION™ PORTABLE STEEL BARRIER TL-3 |
| **SWM16a/b** | M:\New AIL logo.png |
| SHEET NO. | DATE |
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