

DOMESTIC CONTENT & FEOC COMPLIANCE GUIDE FOR BX BALLASTED SYSTEMS

IRS Notices 2024-41 & 2025-08 · BABA Act · BAA/TAA · Updated July 2026

What is BX?

IronRidge BX is a ballasted low-slope rooftop solar racking system built for commercial flat-roof projects. Designed for roof slopes up to 7°, BX uses boundary layer wind tunnel-tested design data to determine project-specific ballast requirements. This allows gravity to do the work while reducing the need for roof penetrations.

At the heart of the system is the BX Chassis: a lightweight, injection-molded component made with BASF Ultramid®, a glass-reinforced polymer selected for strength, durability, and long-term outdoor performance. The pre-assembled chassis is more than a support system—its molded geometry integrates water and debris pathways, alignment features, and a broad roof-friendly footprint.

BX is modular, fast to deploy, and adaptable across a wide range of commercial roof layouts. Paired with the IronRidge Design Assistant and Commercial Services Team, BX helps simplify design, quoting, and project execution.

Manufactured Product Component (MPC)	Part Number	Domestic Cost % (MLPE)	Domestic Cost % (String)
Structural Fasteners	BX-BCL-M1	3.5%	4.4%
	BX-TCL-30MM-M1		
	BX-TCL-32MM-M1		
	BX-TCL-35MM-M1		
	BX-TCL-40MM-M1		
	QM-MLPE-01-M!-US		
Rails	BX-5D-P1	15.0%	18.7%
	BX-10D-P1		
Additional Product Cost Credit		1.1%	1.4%
Total Domestic Content % Contribution		19.6%	24.5%

Domestic Content

Under IRS Notices 2024-41 and 2025-08, rooftop racking falls under the “Non-Steel Roof Racking” Applicable Project Component (APC).

IronRidge maps certain BX system SKUs to two Manufactured Product Components (MPCs):

- Rails → BX Chassis (5° or 10° Tilt)
- Structural Fasteners → BX Clamps
- Structural Fasteners → MLPE Frame Mount

IRS Notice 2025-08 - Domestic Cost % Table*

*Values shown for Rooftop MLPE and Rooftop String. With domestic c-Si PV cells & wafers, totals reach 16.0% (MLPE) and 19.1% (String).

Note: Standard IRS Domestic Content Safe Harbor tables are designed around rail-based systems, creating a challenge shared across all ballasted racking manufacturers. IronRidge/Enstall submitted a public comment to the US Department of Treasury proposing how ballasted systems should be mapped into the existing Safe Harbor table, which classifies the BX Chassis as a “Rail” MPC under the Safe Harbor framework.



**Built in the USA.
Built for Compliance.
That's BX.**



BX is designed to support FEOC, IRA Domestic Content, BAA, and BABA compliance documentation needs:

- Reference Treasury Notice 2025-08 (see Domestic Cost % Table on previous page)
- Ultradid® material is made domestically by BASF
- Chassis are injection-molded in California
- Clamps are manufactured in Ohio
- System exceeds current minimum US-made content thresholds established by IRA guidance and BAA/BABA rules
- No sourcing from FEOC-designated countries or production by Prohibited Foreign Entities or Foreign-Influenced Entities

How to Obtain Documentation

Domestic content and FEOC documentation are available under a special-purpose NDA.

Please contact marketing@ironridge.com for more information.

DISCLAIMER: This document is a reference tool only. IronRidge does not provide legal or tax advice. Tax law and IRS notice interpretations are subject to change. Each taxpayer must consult their own legal and tax counsel to determine eligibility for domestic content bonus credits, including how to categorize manufactured products and what level of domestic content satisfies their risk tolerance. IronRidge does not assure any particular tax result.

