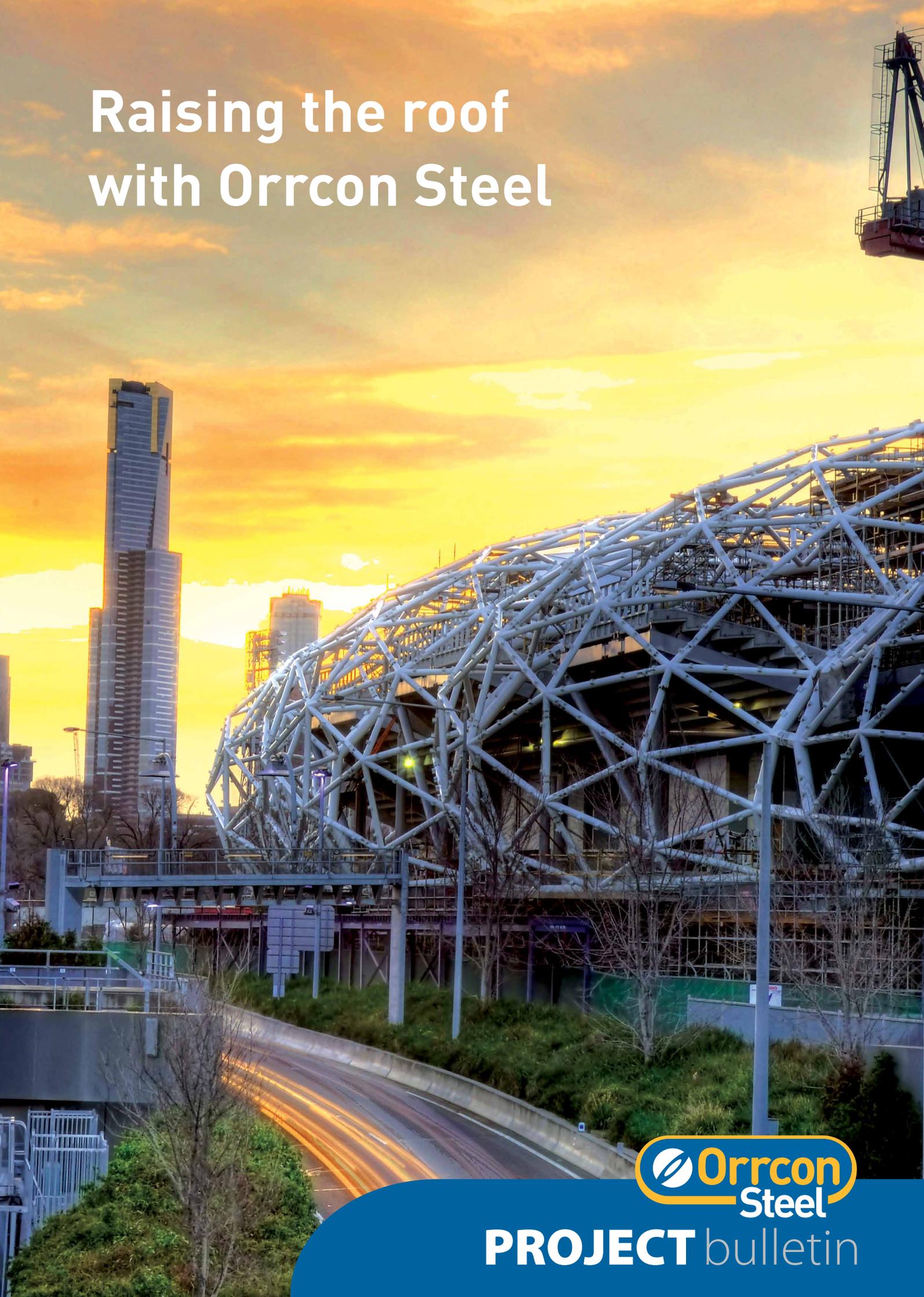


# Raising the roof with Orrcon Steel



**PROJECT** bulletin

# Smart Steel Hollow Sections

## Orrcon Steel's Intelligent Construction Solutions

### PROJECTbulletin

### QUICKfacts

Project	AAMI Park (Melbourne Rectangular Stadium)
Client	Melbourne & Olympic Park Trust
Architect	Cox Architects
Builder	Grocon
Structural Engineering	ARUP
Engineering Services	Norman Disney and Young
Orrcon Steel Products	CHS 139.7 ~ 508 in thickness 5.4 ~ 38.1



**Orrcon Steel continues to make its mark in major construction and infrastructure projects supplying structural steel hollow sections in some of the most critical applications supporting design concepts – such as AAMI Park (Melbourne Rectangular Stadium), a national sporting icon.**

Located on the Edwin Flack Field in the Olympic Park precinct, the infrastructure provides Melbourne with a world-class sports and events arena.

Orrcon Steel's structural hollow sections support the stadium's innovative roof structure – a cutting edge Bioframe design with a geodesic dome roof. Supplying 1,300 tonnes of steel to Grocon for the project, products include Circular Hollow Sections 139.7 – 457 OD and also heavy walled pipe in 508 OD. The hollow sections were utilised for their aesthetic qualities as well as their strength and versatility to be fabricated into complex geometric shapes, which would have been far more difficult to achieve when utilising open sections.

Steve Dawes, Orrcon Steel Southern Region Manager - Pipelines & Infrastructure, said "When we first approached Grocon to discuss this iconic structure, it was proposed that early involvement by Orrcon Steel as a manufacturer of structural sections would increase the likelihood of delivering the construction program and achieving their goal of delivering a world class stadium. Once this approach had been agreed, we provided technical assistance and materials management activities such as the development of specifications, material optimisation, production planning, sourcing, logistics management, fabrication programming and QA documentation."

The stadium provided the missing link in Melbourne's sporting infrastructure for a medium size, purpose-built rectangular pitch stadium. AAMI Park boasts a capacity for over 31,000 spectators. The \$268 million stadium is home to the NRL club Melbourne Storm and A-League teams Melbourne Victory and Melbourne City FC and the Super 15 Rugby franchise, the Melbourne Rebels. It also features a sports campus, including an elite training centre and office accommodation which rivals some of the world's best sporting arenas.

For more information give Orrcon Steel a call on 1300 677 266

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we'll see it through

