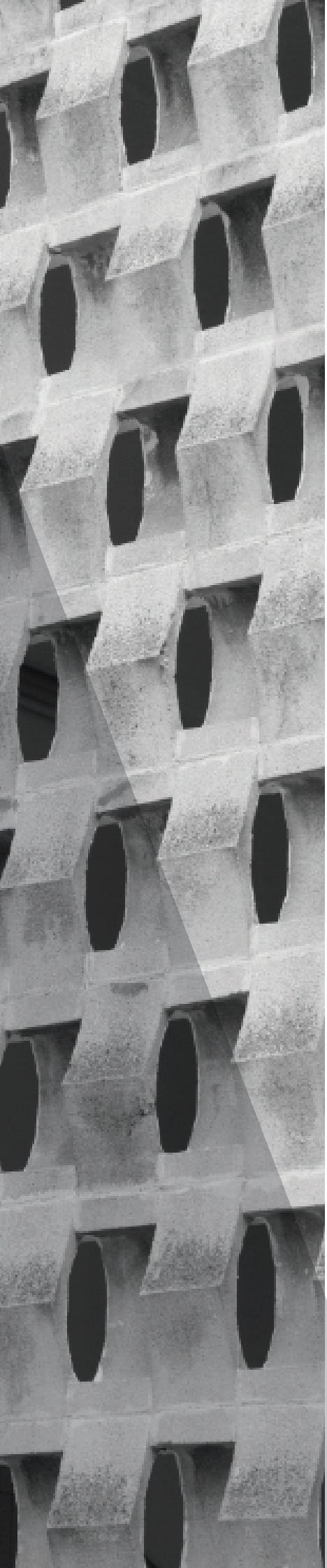
PRO-CAST

Solid Foundations,
Strong Futures.

PRECAST CONCRETE SOLUTIONS

T-BEAM

MS
SIRIM



INTRODUCTION

Pro-Cast T-Beams are precision-engineered in a factory-controlled environment to ensure strength, consistency, and durability. Available in lengths from 6,000mm to 15,000mm, they are designed to meet diverse structural needs while maintaining ease of transportation and installation.

INSTALLATION & METHOD

Pro-Cast T-Beams are manufactured off-site and delivered ready for placement. Using cranes, the beams can be easily lifted, positioned, and installed with minimal disruption to site activities. Precasting enables production to run simultaneously with on-site works, reducing construction time and improving overall project efficiency.

ADVANTAGES

- Manufactured in a controlled environment for consistent quality.
- Prestressed options available for longer spans up to 20,000mm.
- Faster construction with reduced project lead time.
- Easy handling, loading, and installation.
- Minimal site interruption during installation.
- High durability with strict quality control standards.

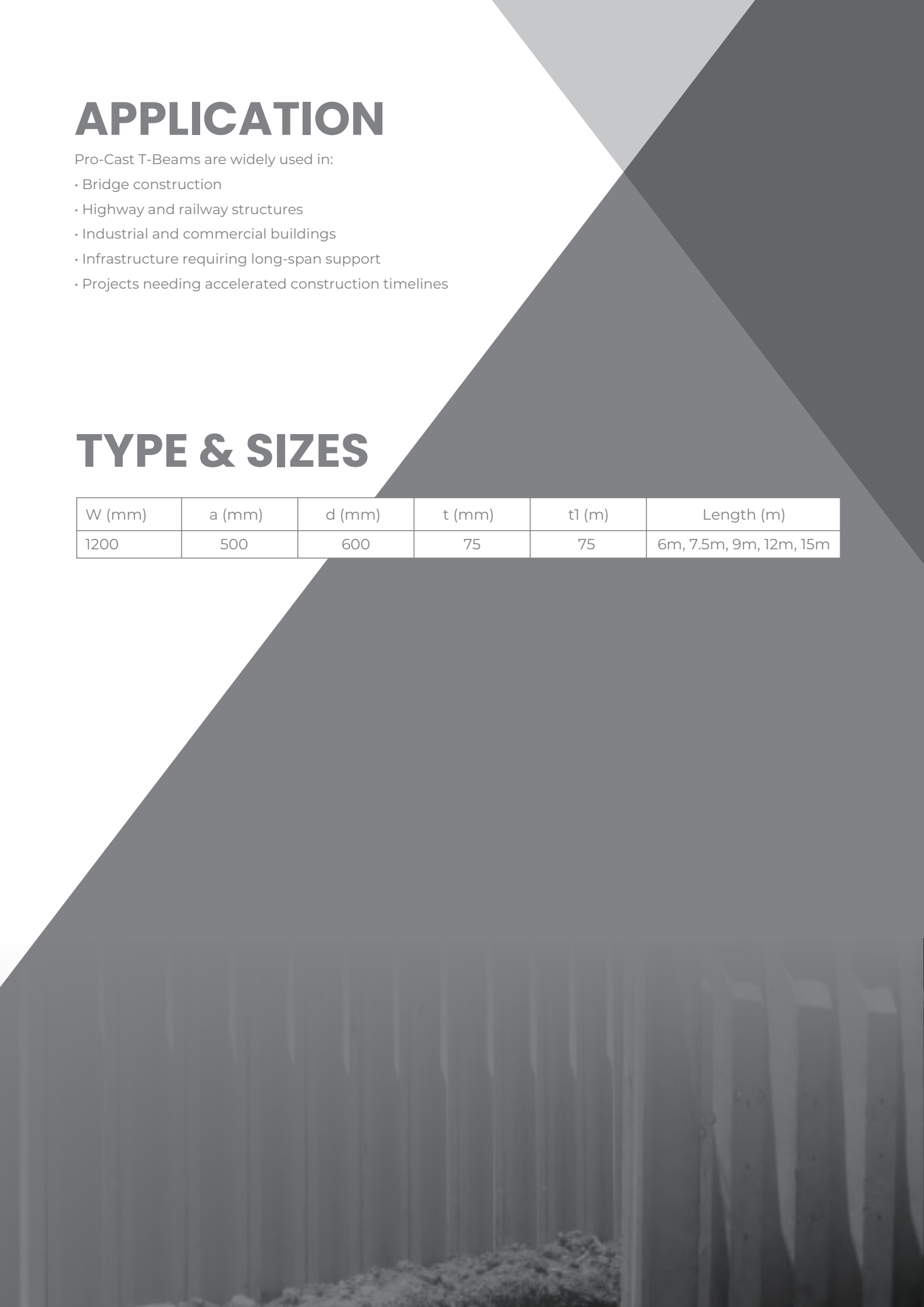
APPLICATION

Pro-Cast T-Beams are widely used in:

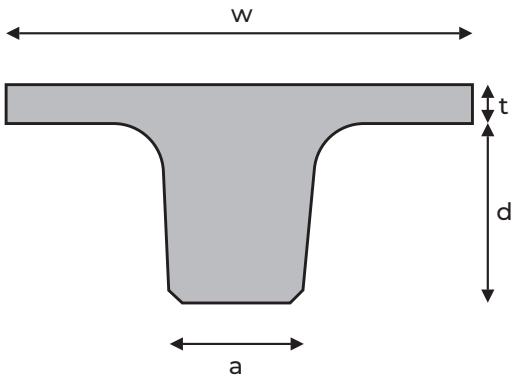
- Bridge construction
- Highway and railway structures
- Industrial and commercial buildings
- Infrastructure requiring long-span support
- Projects needing accelerated construction timelines

TYPE & SIZES

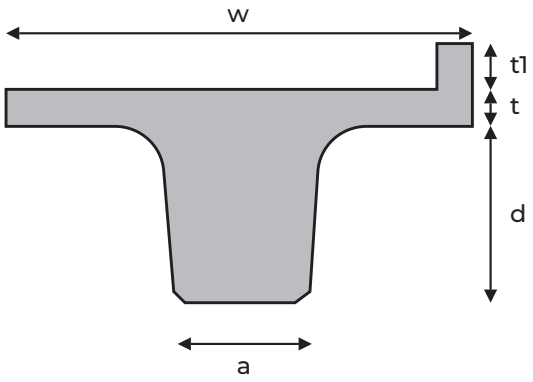
W (mm)	a (mm)	d (mm)	t (mm)	t1 (m)	Length (m)
1200	500	600	75	75	6m, 7.5m, 9m, 12m, 15m



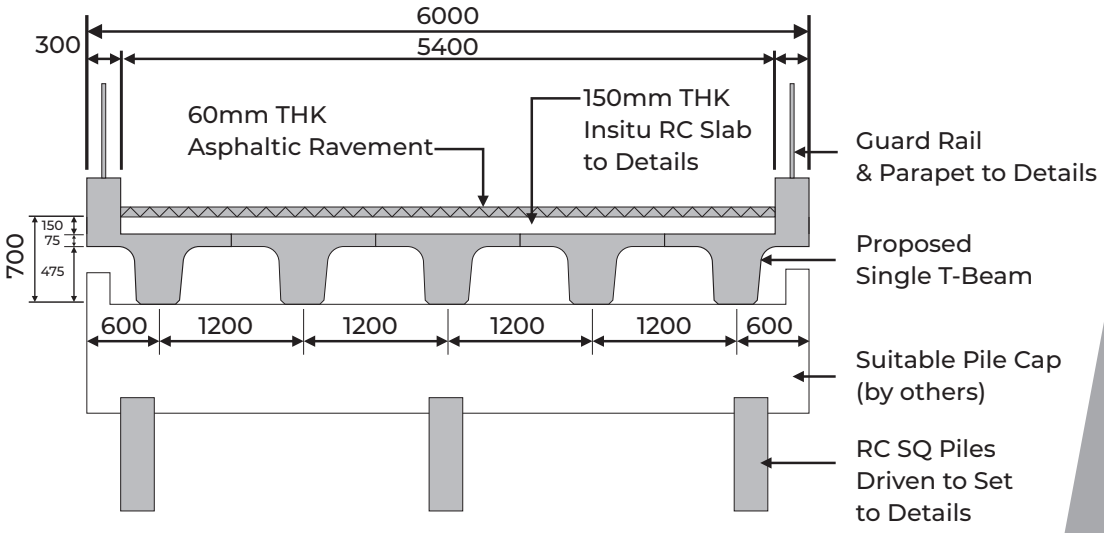
DETAIL



Centre Piece



Corner Piece



Bridge Type 2
Cross Section at Abutment

PRO-CAST

Professional Precast Sdn Bhd

+6 016-330 8365 03-2276 5255

www.pro-cast.co lvanseah@pro-cast.co

12-3A, Level 12, Menara MBMR.
No 1, Jalan Syed Putra, 58000 Kuala Lumpur.