



THAI CONST

THAI CONST & BUILDING MANUFACTURING PCL.

บริษัท ไทย คอนสตรัคชั่น บิลด์ดิ้ง แมนูแฟคเจอร์ริง จำกัด (มหาชน)

RING LOCK SYSTEM

TCB RING LOCK AWARD
EN 12811-1 CERTIFICATE



COMPANY PROFILE



Thai Const & Building Manufacturing Pcl. or Thai Const, was established in March 1990 under the original name of Siam Chuo Build Industry Co.,Ltd., for the manufacturing and sales of high quality steel scaffoldings and accessories. Equipped with experienced staffs, sophisticated equipment and advanced production technology,

Thai Const has been able to supply high quality products to construction industry in Thailand and the neighboring countries at its highest efficiency.

At present, Thai Const is the first and only scaffolding company in Thailand, awarded the Certificate of Standard from the Thai Industrial Standard Institute (TISI 801-2531) and achieved ISO 9001:2008 from TUV.

บริษัท ไทยคอนสตรัคชั่น แอนด์ บิลด์ดิ้ง เมนูแฟคเจอร์ จำกัด (มหาชน) ก่อตั้งขึ้นเมื่อเดือนมีนาคม พ.ศ.2533 ภายใต้ชื่อเดิม (บริษัท สยามชูโอโอบิลด์ อินดัสทรี จำกัด) เพื่อดำเนินการผลิตและจำหน่ายนั่งร้าน ท่อเหล็ก และอุปกรณ์อื่นๆ เพื่อใช้ในอุตสาหกรรมก่อสร้างอาคารบวงจรวงจร โดยอาศัยความเชี่ยวชาญของบุคลากร เครื่องจักรที่ทันสมัย และเทคโนโลยีการผลิตที่ได้รับการถ่ายทอดจาก บริษัทชูโอโอบิลด์อินดัสทรี จำกัด ซึ่งเป็นผู้ผลิตนั่งร้านระดับแนวหน้าในประเทศไทยนับตั้งแต่บัดนี้ มีผลทำให้ บริษัท ไทยคอนสตรัคชั่น แอนด์ บิลด์ดิ้ง เมนูแฟคเจอร์ จำกัด (มหาชน) สามารถผลิตสินค้าคุณภาพสูงป้อนเข้าสู่ตลาดได้อย่างมีประสิทธิภาพ

ในปัจจุบันบริษัท ไทย คอนสตรัคชั่น แอนด์ บิลด์ดิ้ง เมนูแฟคเจอร์ จำกัด (มหาชน) เป็นบริษัทผู้ผลิตนั่งร้านบริษัทแรกและบริษัทเดียวในประเทศไทยที่ได้รับเครื่องหมายมาตรฐานผลิตภัณฑ์อุตสาหกรรม มอก. 801-2531 VDC 69.057.6 และได้รับ ISO 9001:2008 จาก TUV



TISI 801-2531



Management System
ISO 9001:2008

www.tuv.com
ID 9105023884



CERTIFICATE FROM THAI INDUSTRIAL STANDARD INSTITUTE



ISO 9001 : 2008



TCB RING LOCK AWARD EN 12811-1 CERTIFICATE

Why more and more people choose RING LOCK SCAFFOLDING SYSTEM?

The RING LOCK scaffolding system can be fulfilled different terrains and situations. It is recognized by its fast, save and safety advantages.

With the universal joint and fully interchangeable components, the ring system can be used in most construction projects (Civil & Building) for both false work and access. Used in the shipping industries, oil and gas and aviation industries. It is very versatile and diverse.

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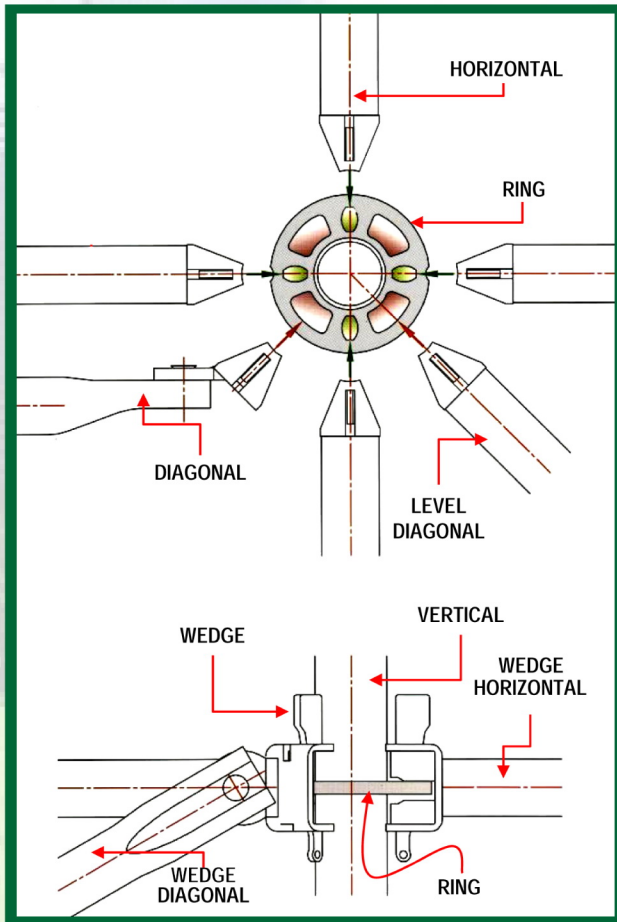
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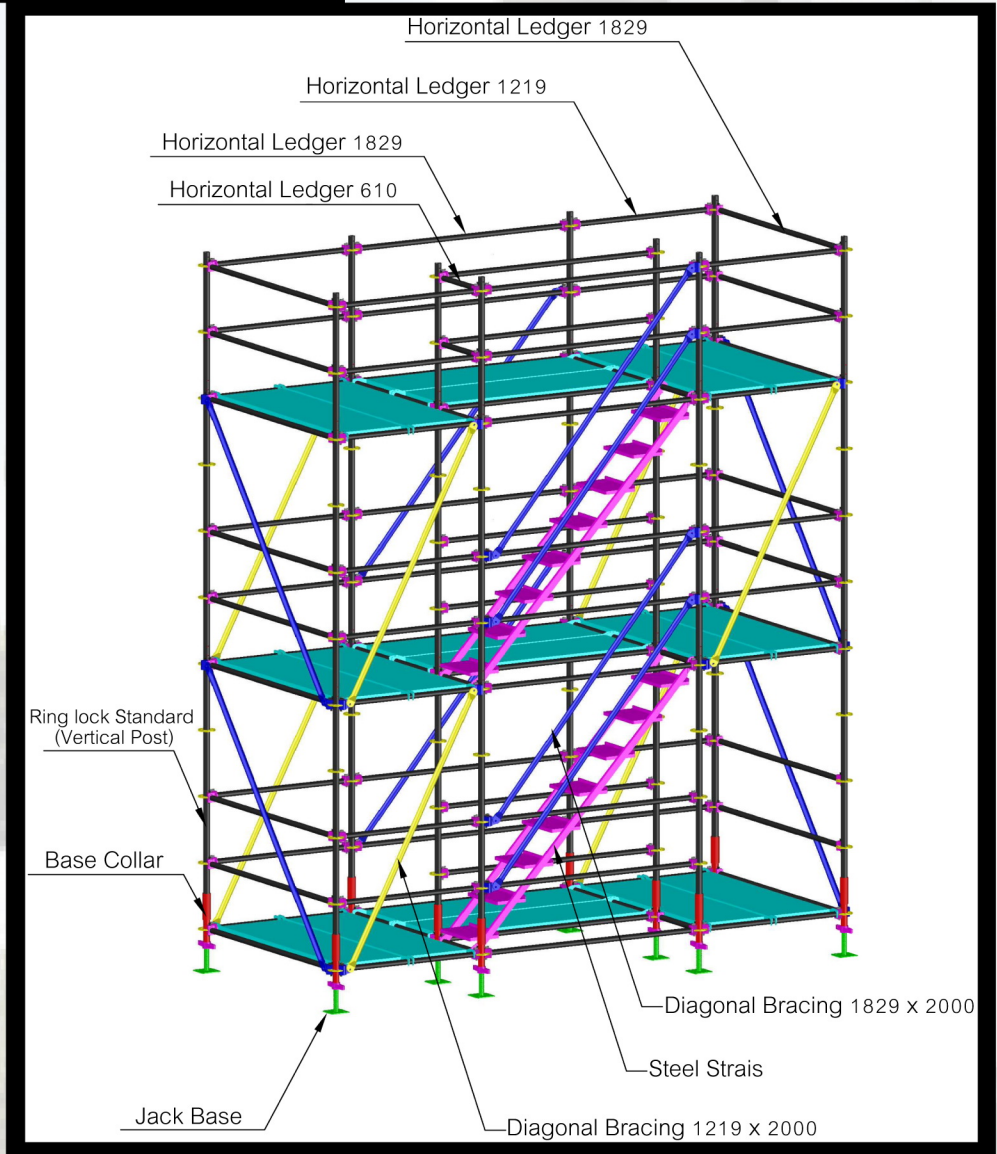
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PRODUCT DETAIL



RING LOCK SYSTEM

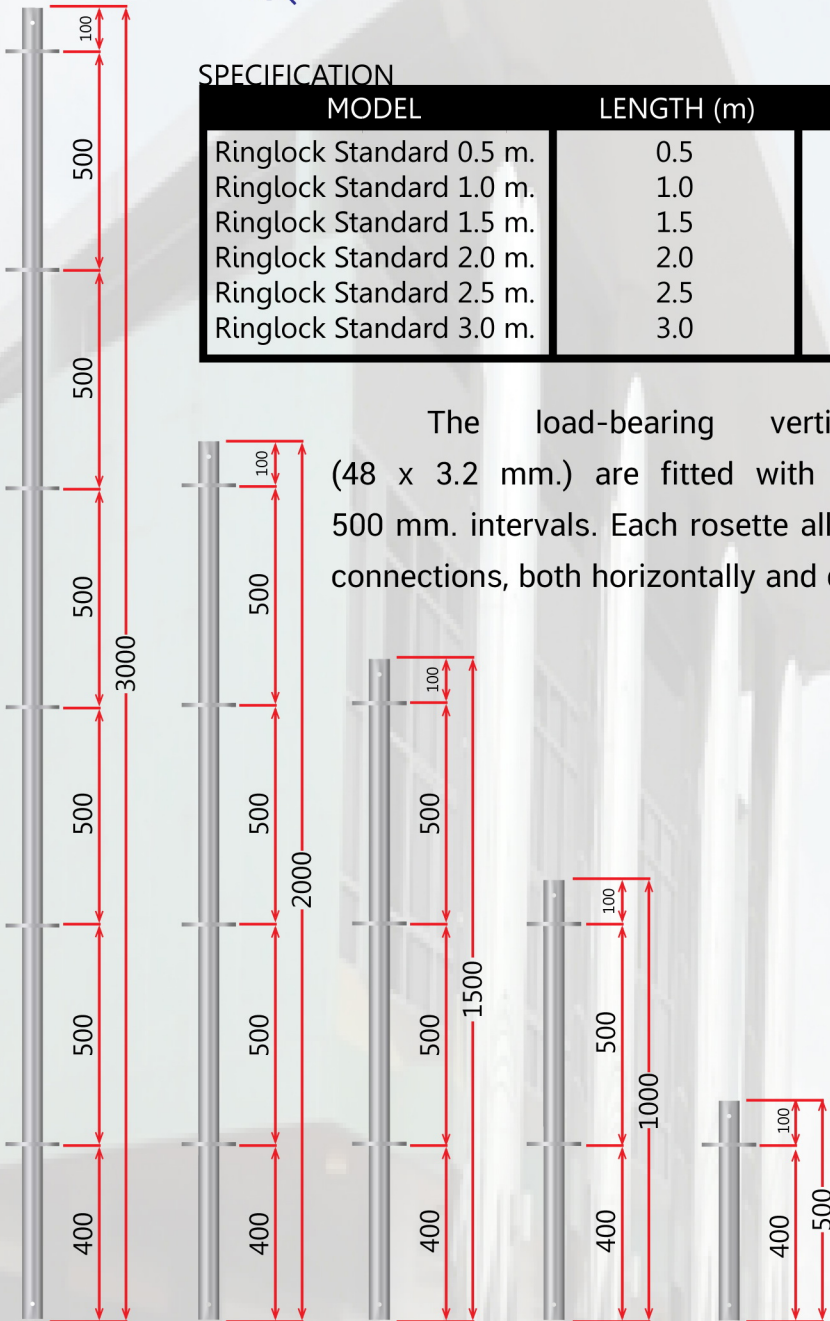
 **48.3 x 3.2 mm.**

RING LOCK STANDARD (VERTICAL)

SPECIFICATION

MODEL	LENGTH (m)	WEIGHT (kg.)
Ringlock Standard 0.5 m.	0.5	2.32
Ringlock Standard 1.0 m.	1.0	4.64
Ringlock Standard 1.5 m.	1.5	6.96
Ringlock Standard 2.0 m.	2.0	9.28
Ringlock Standard 2.5 m.	2.5	11.60
Ringlock Standard 3.0 m.	3.0	13.92

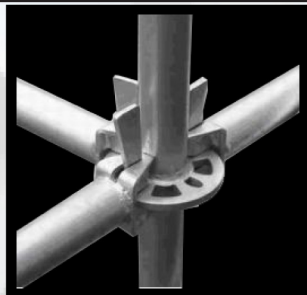
The load-bearing vertical posts (48 x 3.2 mm.) are fitted with rosettes at 500 mm. intervals. Each rosette allows up to 8 connections, both horizontally and diagonally.



All Drawing Unit : mm.

RING LOCK LEDGER (HORIZONTAL)

∅ 48.3 x 2.75 mm.



SPECIFICATION

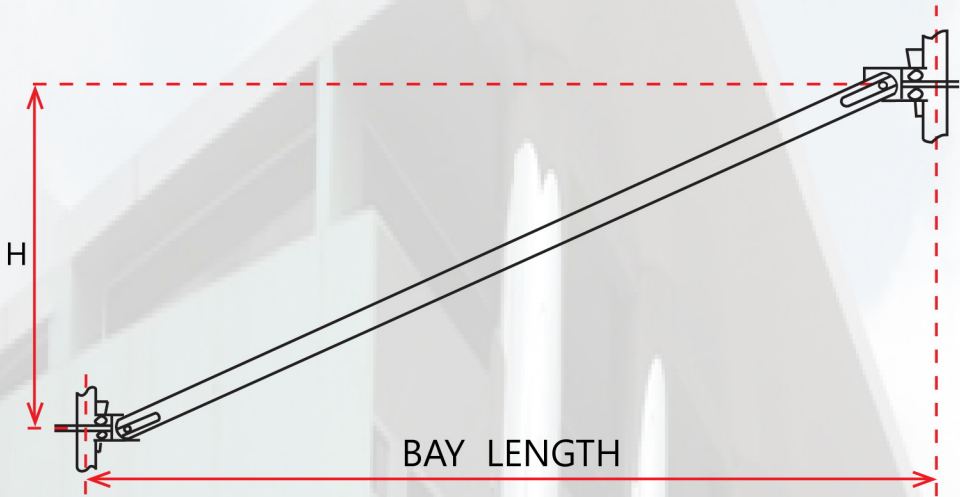
PRODUCT	BAY LENGTH (mm.)	WEIGHT (kg.)
Ringlock ledger 1829	1829	6.30
Ringlock ledger 1524	1524	5.70
Ringlock ledger 1219	1219	4.45
Ringlock ledger 610	610	2.57

All the horizontals and diagonals have special connecting heads at their ends with built-in wedges. This allows quick, safe and easy hooking-in and locking to the connection rosette ring of the vertical post.



\varnothing 48.3 x 2.5 mm.

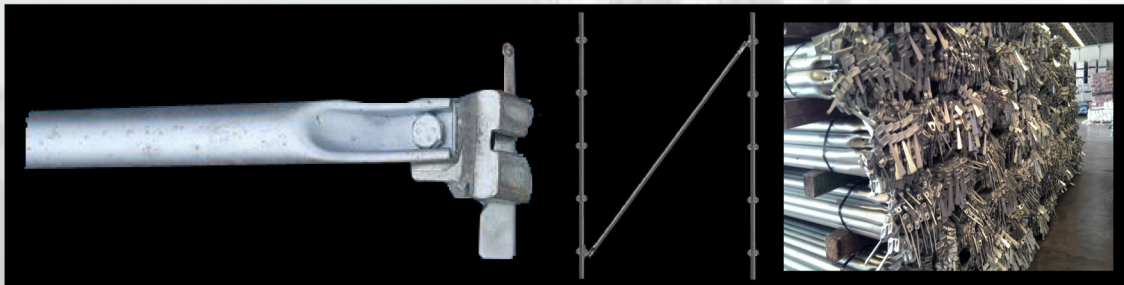
RING LOCK BRACE



SPECIFICATION

PRODUCT	BAY LENGTH (mm.) x H. (mm.)	WEIGHT (kg.)
Ringlock Brace 1829	1829 x 2000	9.11
Ringlock Brace 1524	1524 x 2000	9.00
Ringlock Brace 1219	1219 x 2000	8.14
Ringlock Brace 610	610 x 2000	7.50

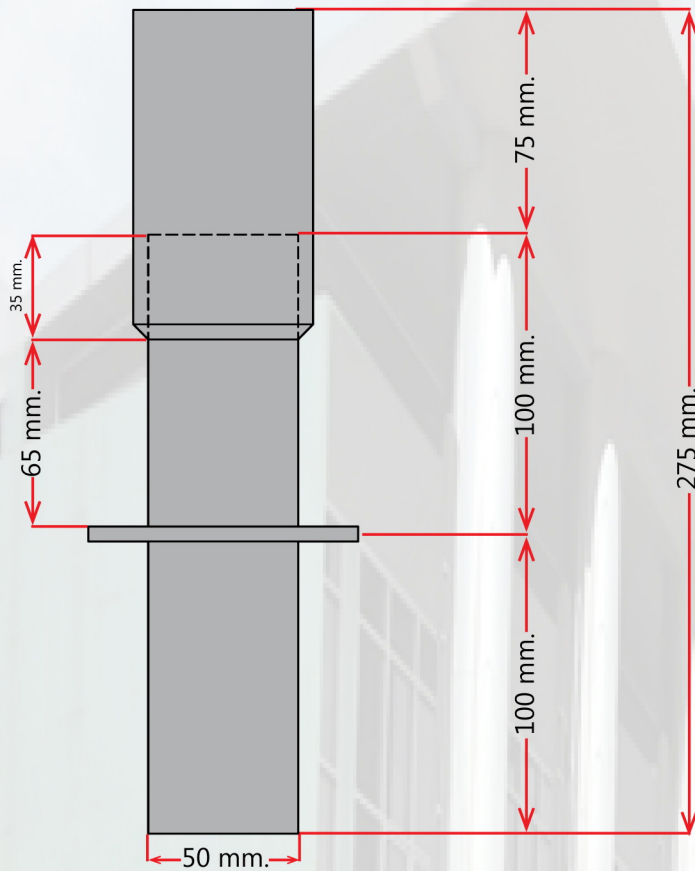
The Diagonal Brace is mounted to the lower connecting ring and to the 2 meter higher connecting Ring Rosette on the vertical post opposite.



SPIGOT (JOINTPIN)

WEIGHT 0.70 kg.





BASE COLLAR



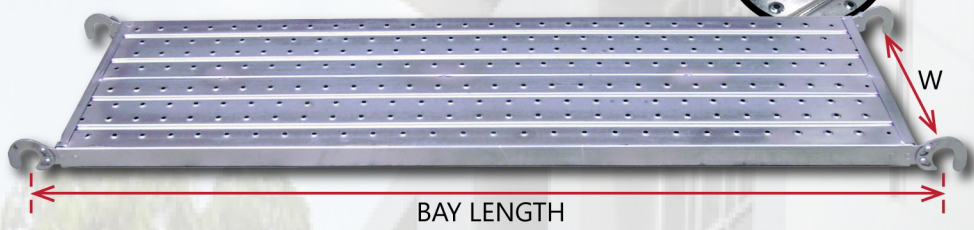
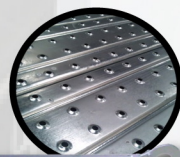
The junction of the Base Collar is just the same as a screw jack. The Base Collar can be adjusted to fit any height when placed with a screw jack at the bottom. The shape is much like the standard Ringlock vertical, but with a short tube.



WALKING PANEL

SPECIFICATION

PRODUCT	BAY LENGTH (mm.)	W (mm.)	WEIGHT (kg.)
HS-420	1829	420	13.5
HS-518	1829	500	15.0
HS-	1219	500	10.5



Thickness of 1.2 mm. Hook with lock (50 mm.).

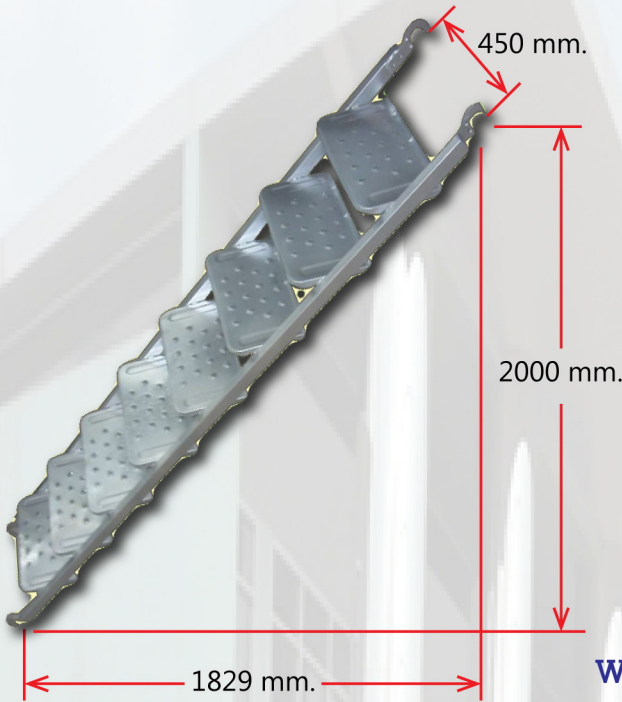
STEELPLANK



Specification :

- 210 x 45 x 1.2 x 1000 mm. weight 3.45 kg.
- 210 x 45 x 1.2 x 1500 mm. weight 5.2 kg.
- 210 x 45 x 1.2 x 2000 mm. weight 7.0 kg.
- 210 x 45 x 1.2 x 3000 mm. weight 10.4 kg.
- 210 x 45 x 1.2 x 4000 mm. weight 13.8 kg.

STEEL STAIR



WEIGHT 26.1 kg.

JACK BASE / U-HEAD HOLLOW (เหล็กทวง)

∅ **38 mm.**

JACK BASE

SPECIFICATION :

L = 600 mm.

PLATE :

150 x 150 x 5 mm.

WEIGHT :

3.30 kg.



U-HEAD

SPECIFICATION :

L = 600 mm.

PLATE :

118 x 110 x 60 x 4 mm.

WEIGHT :

3.30 kg.



BOARD RETAINING COUPLER (BRC)



Specification : 48.3 mm.



PLANK CLAMP

Specification : 48.3 mm.



Secured locking of the steel plank

Size :

50x50x1.8 mm.

50x50x2.0 mm.

100x100x2.5 mm.

Length :

6 m.

PIPE



Holder

Insert Specifications :

Height : 195 mm.

Width : 81 mm.

Depth : 0.5 mm.

Material : Super PVC

Printing can be changed to customized design and language

Insert

SCAFFOLD TAG



Holder Specification :

Height : 306 mm.

Width : 90 mm.

Depth : 6 mm.

Top hole Dia. : 54 mm.

Material : Super Polypropylene



SCAFF TAG®

DIRECTION & INSPECTION RECORD

Location: _____
Ref No: _____

Structure to be used for

LOAD CLASS 1 No. Store	LOAD CLASS 2 No. Store
LOAD CLASS 3 No. Store	LOAD CLASS 4 No. Store
LOAD CLASS 5 No. Store	LOAD CLASS 6 No. Store

If the structure receives a full permit and before supervisor completes this section

TIME	DATE	SIGNATURE

CAUTION
THE FOLLOWING WARNINGS SHOULD BE NOTED

WARNING
UNLAWFUL REMOVAL OR INTERFERENCE WITH THIS SIGN COULD MAKE YOU LIABLE TO PROSECUTION AND FINES

TO BE COMPLETED BY SUPERVISOR

REQUESTED BY: _____
DATE DIRECTED: _____
REMARKS: _____

TO BE COMPLETED BY INSPECTOR BEFORE BEING TAKEN INTO USE FOR THE FIRST TIME

INSPECTOR NAME & SIGNATURE: _____
DATE & TIME: _____
DECOMMISSIONED DATE: _____

ANY QUERIES REGARDING THIS STRUCTURE SHOULD BE MADE BY CONTACTING:

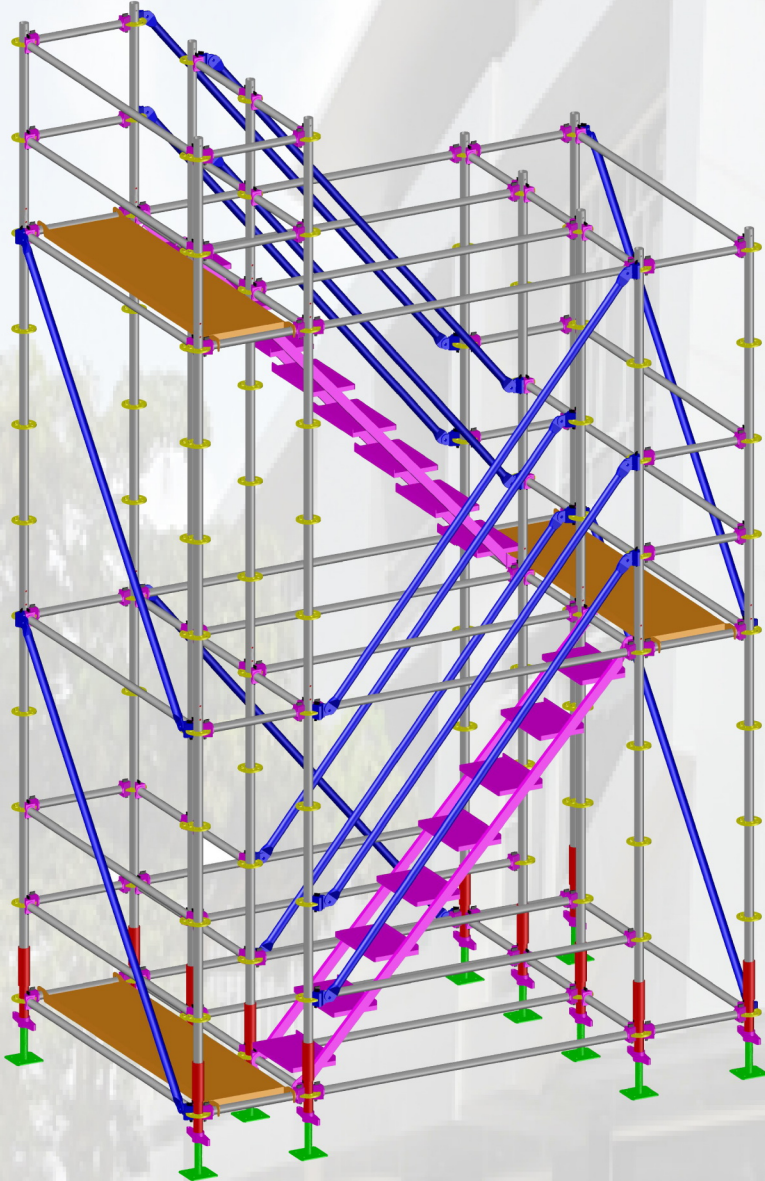
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Front

Back

TOWER-TYPE PASSAGE AWAY



Designed according to customer requirements

PRODUCT APPLICATION

Civil Engineering & Infrastructure



Often large scale, access and protection installations in a civil engineering or infrastructure environment must meet key requirements in terms of strength, safety and cost efficiency. Layher can point to a long list of successful installations where these key objectives have been fully realised.

PRODUCT APPLICATION



Public Access

The vast range of applications in the public access sector call for systems and equipment that can offer the optimum combination of versatility, safety and ease of use. Ring lock systems have been proven in a wide range of installations of this type.

Offshore / Onshore

The specialized build and maintenance requirements of this sector, typical of industrial or processing facilities, call for a scaffolding and access system that is safer, easy to install, highly versatile and also rigorously designed to address extremely demanding environments.



PRODUCT APPLICATION

Bridging Systems

From roads to rail and from public access to industrial site or construction location - the purpose-designed range of bridging systems from Ring lock system fulfils personnel access needs. Whether to meet short-term requirements or for long-term, on-going projects, key features offer important advantages for every application.

**Petrochemical**

The specialised build and maintenance requirements of this sector call for a ring lock system and access system that is both highly versatile and also rigorously designed to address extremely demanding environments.





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