

## The Coffral City: "Our product line visually explained"

### ACCESS

- 1a** JLG Ultra Boom Lift  
JLG ล้อตีนเหล็ก
- 1b** JLG Articulating Boom Lift  
JLG ขอนพับงอ
- 1c** JLG Scissor Lift  
JLG รถกระชาน
- 1d** JLG Telehandler  
JLG รถยกเคลื่อนที่
- 2a** Industrial Ringlock Scaffold System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง
- 2b** Industrial Ringlock Circular Scaffold System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง
- 2c** Industrial Ringlock Hanging Scaffold System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง
- 3a** Gondola (Standard)  
กระเช้าไฟฟ้า (มาตรฐาน)
- 3b** Square Gondola (With 90° Corner Sections)  
กระเช้าไฟฟ้า (สี่เหลี่ยมมุมฉาก)



### SHORING

- 4a** Staflex Concrete Slab Shoring System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง
- 4b** Staflex Table Formworks  
สตาฟเฟิลิก เบบิ้ลฟอร์มเวิร์ค
- 5** Telescopic Shoring Jack (PROP)  
ตุ๊กตาตั้งโต๊ะ (ตั้งโต๊ะ)
- 6** Modular Ringlock Heavy Duty Shoring System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง
- 7** Trench Shoring System  
ระบบโครงเหล็ก ล็อคจุดต่อ ฟ้าระบบยกสูง

### VERTICAL FORMWORKS

- 8a** Universal Framax Column Formwork  
แบบหล่อเสาเข็ม
- 8b** Framax Wall Formwork (Double Sided)  
แบบหล่อผนัง (สองด้าน)
- 8c** Framax Retaining Formwork (Single Sided)  
แบบหล่อผนัง (หนึ่งด้าน)



**COFFRAL-EKTHANA**  
The Access Specialists!

## Company History

Coffral-Ekthana Engineering Co., Ltd. has more than 30 years of experience as a specialist in the rental and distribution of construction equipment with high quality European standards by experienced professionals according to customer requirements.



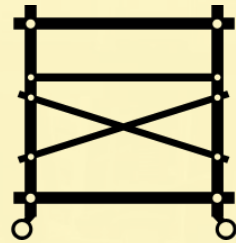


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## Our Services

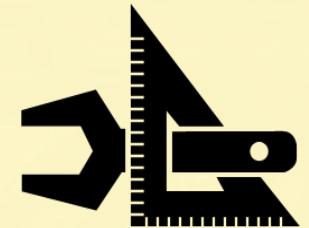
We have an experienced engineering team according to international standards. To provide services related to Scaffolding, Shoring formwork for columns, walls and bridges, Gondola & BMU and Concrete spacer.



**Design of scaffoldings' structures**



**Engineering services**



**Technical Support**



**Gondola & BMU**



**Ringlock Scaffold System**



**Concrete Slab Shoring  
Formwork (Staflex)**



**Reshoring Equipment**



**Glass Fiber  
Concrete Spacer**



**Walls & Columns Formwork**



**Formwork for Bridge  
Building**



**Aerial Working Platform**



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**SCAFFOLDS-  
STAFLEX&RINGLOCK  
KEY PROJECT  
REFERENCES**



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## OUR KEY PROJECTS IN SCAFFOLD-STAFLEX at height 15M

Suvarnabhumi Airport Expansion

Staflex is Shoring system for substructure of Satellite Concourse building. Slab thickness is up to 1.3 meter. Loading capacity 6Tons/leg at height 15M



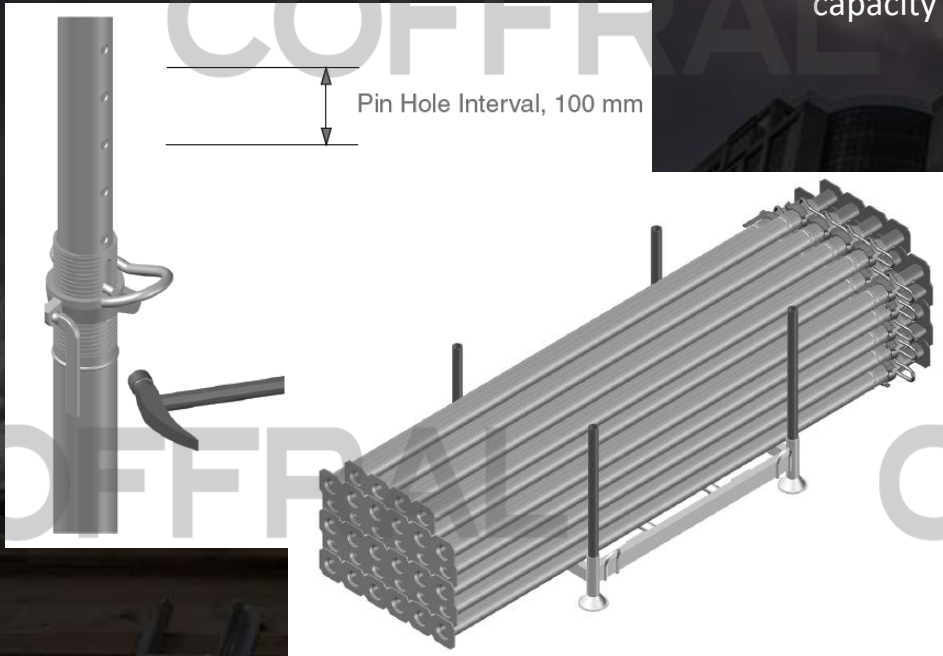


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## OUR KEY PROJECTS IN SCAFFOLD-Shoring Jack

Suvarnabhumi Airport Expansion

Reshoring is Shoring system for substructure of Satellite Concourse building. Loading capacity 2Tons at height 3.50M and 5.50M



Pin Hole Interval, 100 mm



PLYWOOD  
C20 WOODEN BEAM  
FORKHEAD

SHORING JACK

TRIPOD





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## OUR KEY PROJECTS IN SCAFFOLD-RINGLOCK at height 150M

### Siam Discovery

Ringlock Modular Scaffold platform up to 12 meters high to perform the work on the operating major shopping mall in downtown Bangkok. Loading capacity at 1.4Tons/leg at 12M. Can go up to 150 meters







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## OUR KEY PROJECTS IN SCAFFOLD-RINGLOCK at height 150M

Q house Condominium at Sukhumvit 6





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**FORMWORK  
KEY PROJECT  
REFERENCES**



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## OUR KEY PROJECTS IN FORMWORK

### Srirat Express Way

Tailored formwork with most efficient function with lightest design for CH. Karnchang and STECON. Can make Y-shape, U-shape and I-shape





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## OUR KEY PROJECTS IN FORMWORK

### Suvarnabhumi Airport

Using Framax Xlife with cost-effective, superlative concrete results, rapid working, comprehensive workplace safety, easy handling and planning. Panel size 1.20\*2.70m for Wall and Column





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**GONDOLA & BMU  
KEY PROJECT  
REFERENCES**



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## OUR KEY PROJECTS IN GONDOLA

### The ICONSIAM

The landmark high-rise mega-development project along the famous and majestic Chao Phraya River in Bangkok. Platform outside width is 70cm, 8.40mm safety cable can hold 5 tons. Max length of Platform 20 meters. Safety loading capacity 350kg.





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## OUR KEY PROJECTS IN GONDOLA

Rama 9 Bridge / Rama 8 Bridge

Access platform for bridge maintenance and can make L-shape, U-shape and square shape platform.

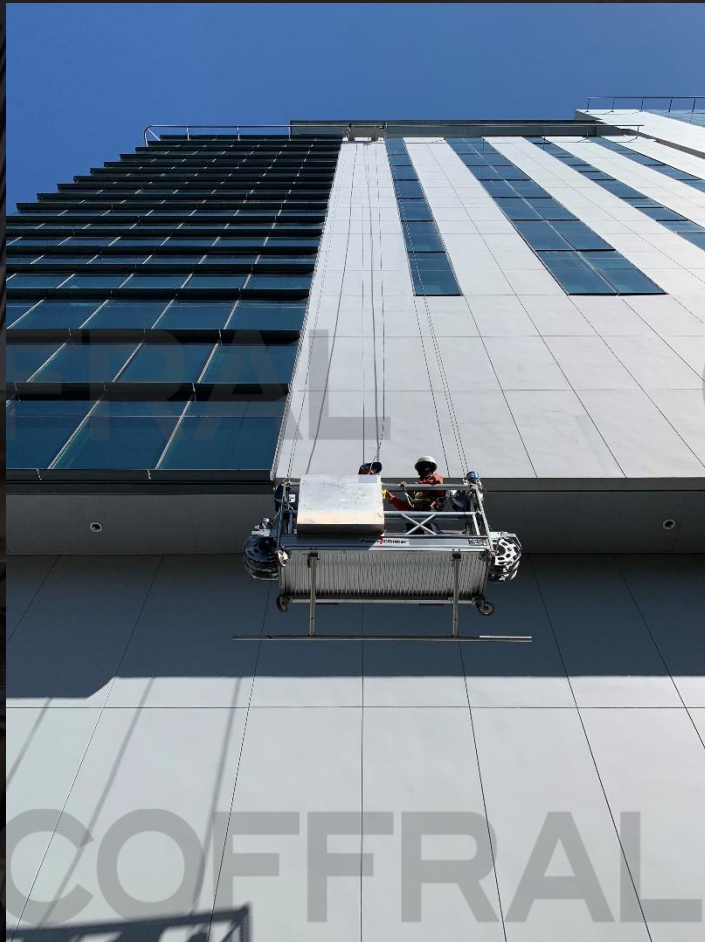




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## OUR KEY PROJECTS IN BMU

Thairath Building / Sheraton Grande Sukhumvit / Le Meridien Chiang Mai  
Façade Cleaning and Maintenance







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**GLASS FIBER  
CONCRETE SPACER**

The ordinary concrete spacer consist of



Cement



Sand



Water



Cement



Soil



Water

## Spacer GRC – Coffral Ekthana

consist of



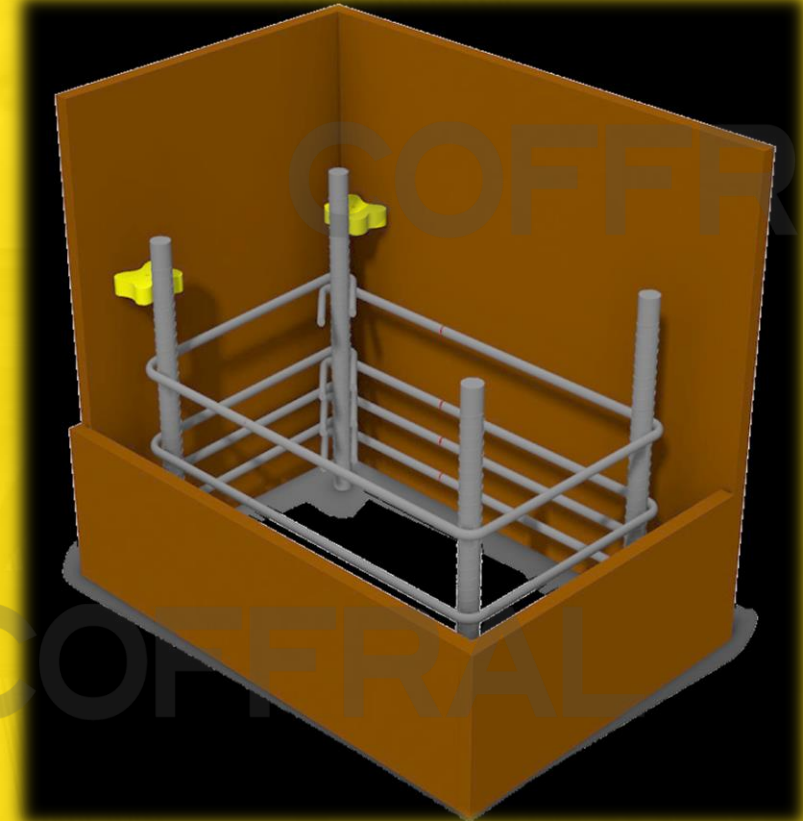
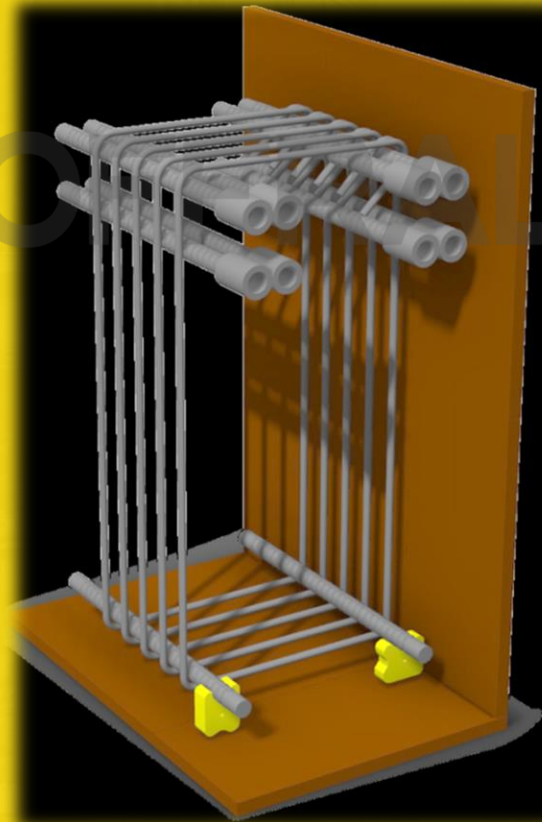
**Glass Fiber**

**(\*\*Only at Coffral-Ekthana\*\*)**

## Spacer GRC – Coffral Ekthana

### **Glass Fiber Reinforced Concrete Spacer ( GRC )**

Our concrete spacers have a capacity of up to 500ksc.





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# **AERIAL WORKING PLATFORM**



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## AERIAL WORKING PLATFORM

Aerial Working Platform(AWP) can work on 5.7 - 41 meters height. AWP have 0.75 – 2.49 m width and Safety loading capacity is 227 - 350kg for 1-3 occupants.



# OUR KEY CLIENTS



# Thank you!

**COFFRAL  
ASIA**

## COFFRAL PHILIPPINES



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