

We Work & Share Together

Better Value Beyond Growth

MIRETECH

CONTENTS

COMPANY

- History 연혁
- Quality Management & Assurance 품질보증 & 관리

PRODUCT

I. MIRE Form Tie System 미래 폼 타이 시스템

- One Touch Form Tie System 원터치 폼 타이 시스템 p.12
- Inno Form Tie System 이노 폼 타이 시스템 p.18
- Easy Form Tie System 이지 폼 타이 시스템 p.24
- Dywidag Form Tie System 디비닥 폼 타이 시스템 p.28

II. Gang-Forming Part 갱폼 부속 자재

- Anchor Accessories 앵카 자재 p.34
- Setting Accessories 셋팅 자재 p.35
 - Washer 갱폼 고정 와셔
 - Joint Pin 갱폼 조인트 핀
 - Turnbuckle 와이어 조절대

III. Aluminium Form & AL-Forming Part 알폼 &알폼 부속 자재

- Mico Panel 미코 폼 p.38
- Aluforms U.S Panel 알루미늄 U.S 폼 p.40
- Tie 타이 p.43
- Setting Accessories 셋팅 자재 p.46
 - Pin & Wedge & Hook 핀 & 웨지 & 후크
 - Waler Bracket 보강대 브라켓
 - Turnbuckle Bracket 조절용 브라켓
- Tool 해체 공구 p.52
- Kicker Anchor 시스템 키커 앵카 시스템 p.56
- Column Accessories 기둥 폼 부속 자재 p.61
- Scaffold Bracket 외부 브라켓 p.62
- MISC 기타 부속 자재 p.63

IV. Euro-Forming Part 유로폼 부속 자재

- Tie 타이 p.67
- Wedge & Hook 웨지 & 후크 p.69

V. Wood-Forming Part 토목폼 부속 자재

- Embedded Type 매립 타입 p.75
- Reusable Type 전용 타입 p.77

HISTORY



1999.04
미래테크(주) 설립

2003.04
본사 신축 이전

2008.01
서울 중부사무소
개설

2009.11
2공장 준공
볼트제조 설비

2012.02
3공장 준공
압연 설비

2013.07
4공장 준공

2014.11
5공장 준공
포머기 설비

2016.11
6공장 준공
알폼 제조 설비

2018.05
중부사무소 이전(수서역)

2018.08
문경지사 준공
알폼 제조 설비

1999
조소 폼타이 시스템
Joso Form Tie System

조소타이



미래와서 미래본체



인서트콘



미래 띠장 시스템
MIRE WALER SYSTEM
미래바



멀티바



멀티 브라켓



2004
AL-플랫타이



2005
원터치 폼타이 시스템
One Touch Form Tie System/
AL-폼 부속자재
AL Form Accessories

원터치본체



원터치타이



원터치 고정볼트



AL-브라켓



원형핀



AL-웨지핀



롱핀



2006
이노 폼타이 시스템
Inno Form Tie System

이노본체



AL-이노타이



앙카고정볼트



2008
AL-조절브라켓



2009
이지 폼타이 시스템
Easy Form Tie System

이지본체



미래와서



관통 AL플랫타이 / 타이 슬리브



강품 셋팅 부속 자재
앙카 고정캡



강품 고정와서



강품 조인트핀



2010
AL-플랫타이 디자인 변경



2011
마디양카



2013
키커너트



키커볼트



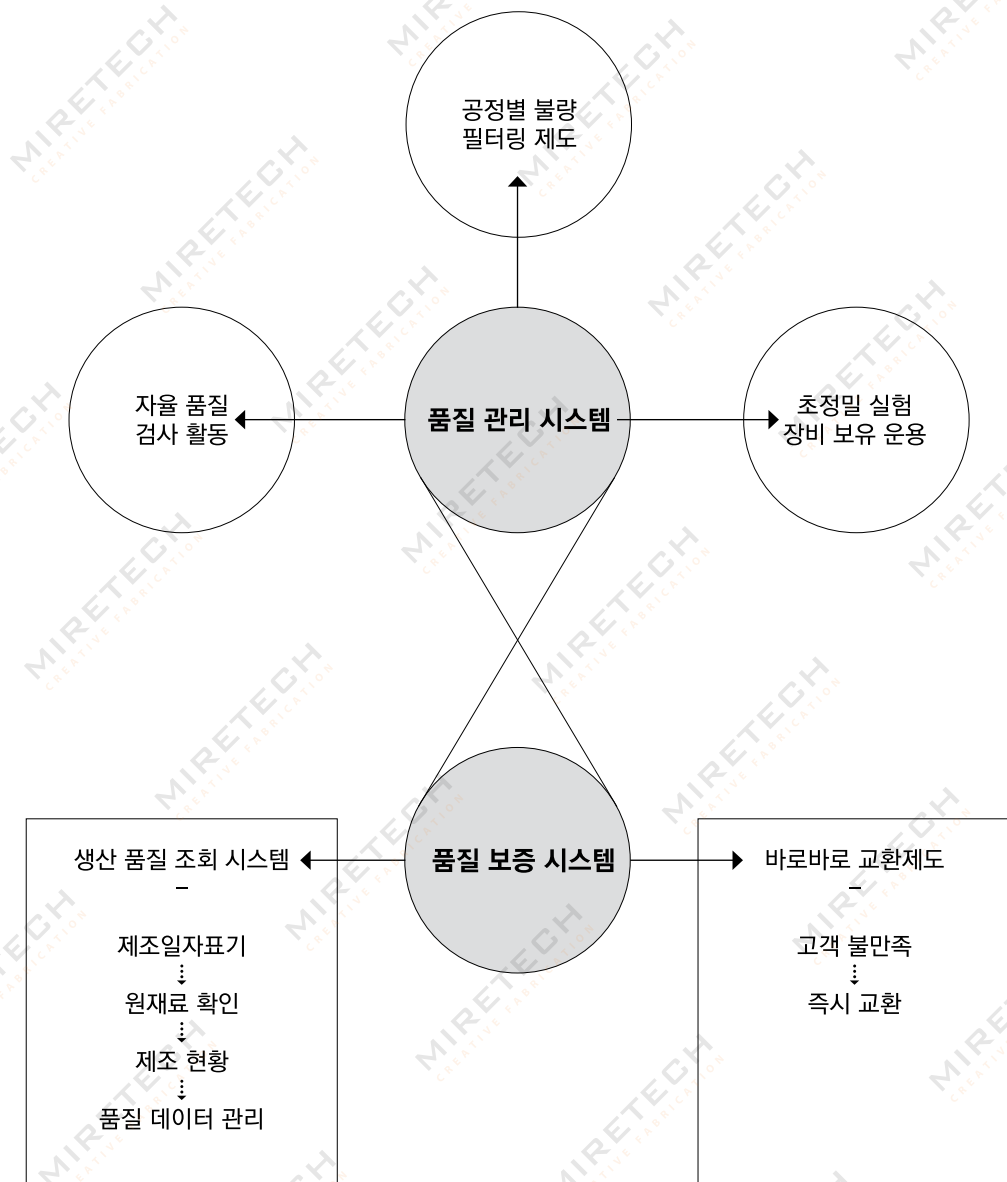
2016
AL-FORM



QUALITY

Quality Management & Assurance

미래테크는 오랜 시간에 걸쳐 축적된 노하우와 기술력으로 경쟁력 있는 품질과 생산성을 확보하고 있습니다. 열정을 간직한 인재들이 고객만족을 최우선 목표로 삼고 변화와 도전의 역사를 만들어 갑니다.



SAFE-TECH

Safe Technology

Tie



Universal Testing Machine 만능재료 시험기

Pin



Micro-Vickers Hardness Tester 마이크로 비커스 경도계

Rockwell Hardness Tester 로크웰 경도계

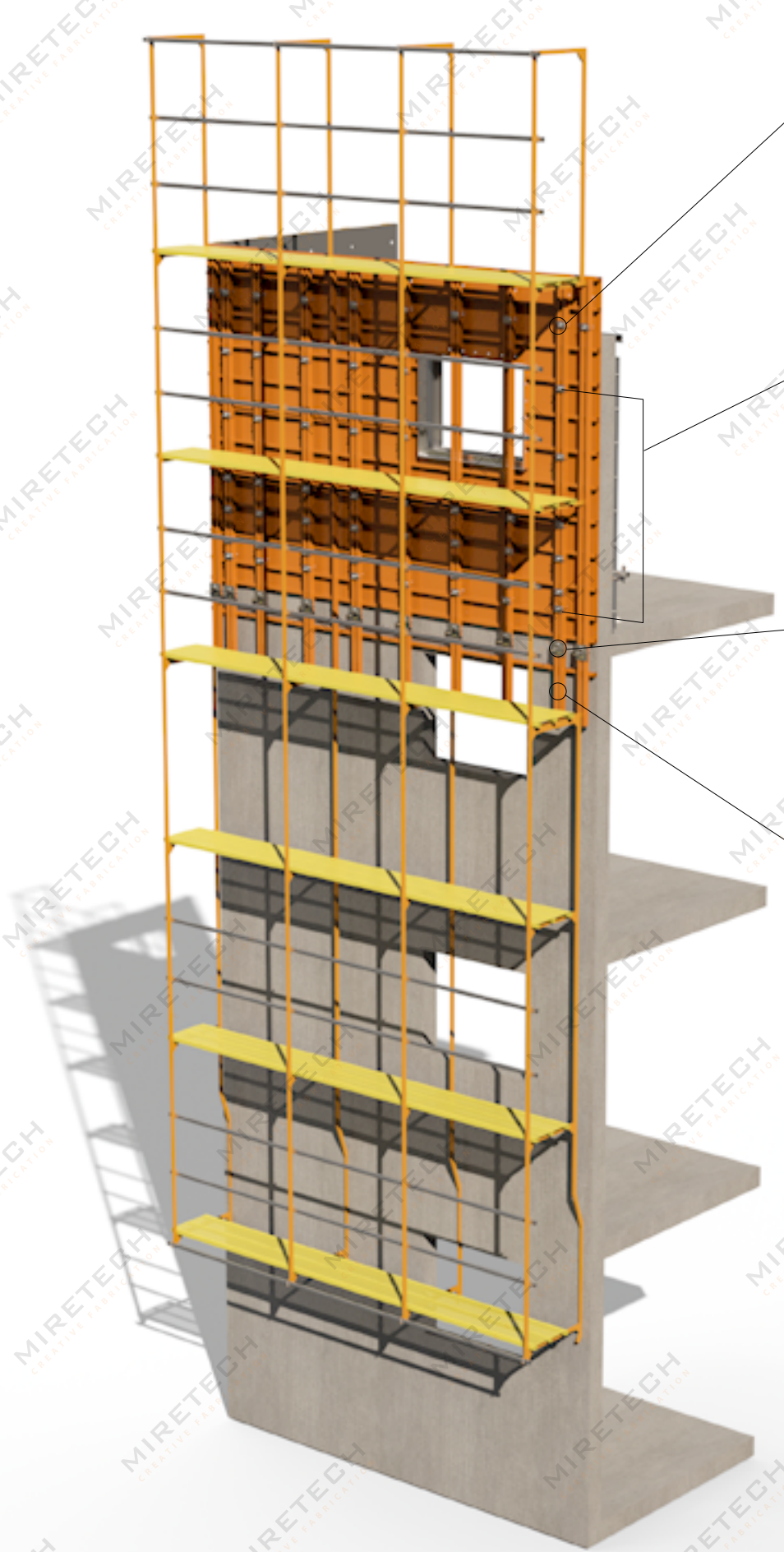


Salt Spray Testing 염수분무 시험기

The image shows a construction site at sunset. The sky is a warm orange-yellow color. In the foreground, the dark silhouette of a building's steel framework is visible, with some windows glowing from the interior light. A large tower crane with a long jib extends from the left side of the frame towards the right. Several vertical rebar structures are visible in the background. The overall scene is industrial and dramatic due to the low light.

MIRE Form Tie System

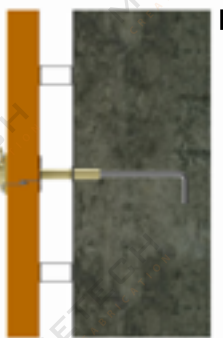
One Touch Form Tie System



Embedded Anchor [Set]
매립 양카 [세트]



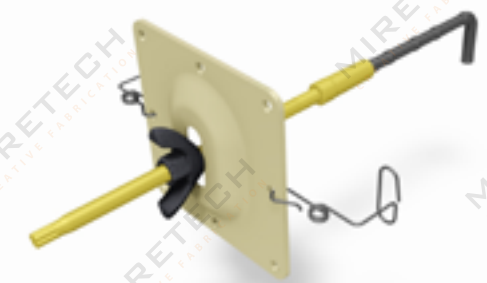
Embedded Anchor



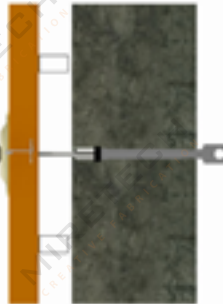
One Touch Form Tie [Set]
원터치 폼타이 [세트]



Gang Form Fixing Anchor [Set]
갱폼 고정용 볼트 [세트]

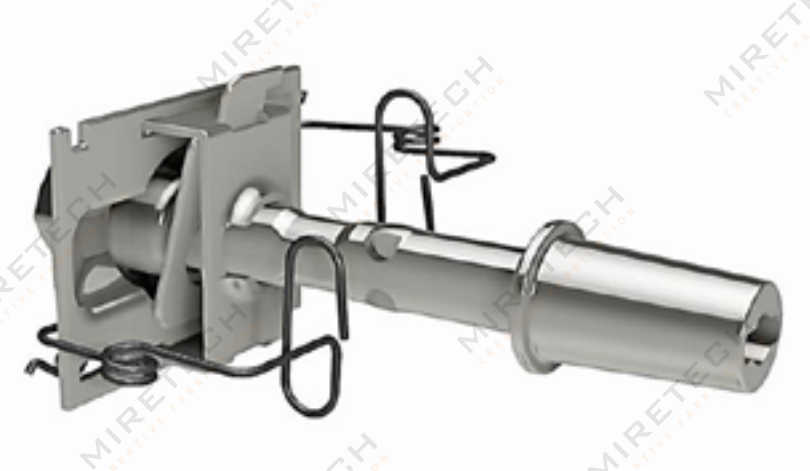


Gang Form Fixing Anchor [Set] [Add]
갱폼 고정용 볼트 [세트] [추가용]

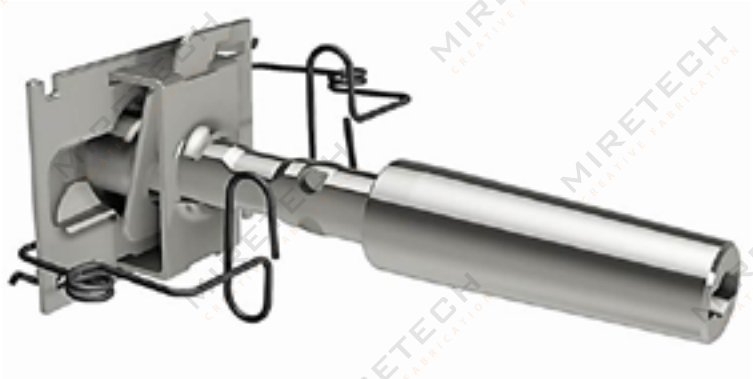


One Touch Form Tie System

One Touch Unit [General]
원터치본체 [일반]
Tensile Load / 6,000 kgf



One Touch Unit [Pattern]
원터치본체 [문양]
Tensile Load / 6,000 kgf



주문 제작/포장

AL-One Touch Tie
알폼 원터치타이
Tensile Load / 3,000 kgf



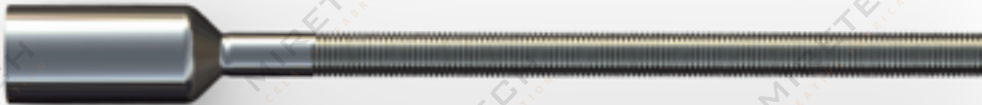
Euro-One Touch Tie
유로폼 원터치타이
Tensile Load / 2,900 kgf



One Touch Bolt
원터치 볼트
Tensile Load / 3,000 kgf



One Touch Fixable Bolt
원터치 고정 볼트
Tensile Load / 6,100 kgf

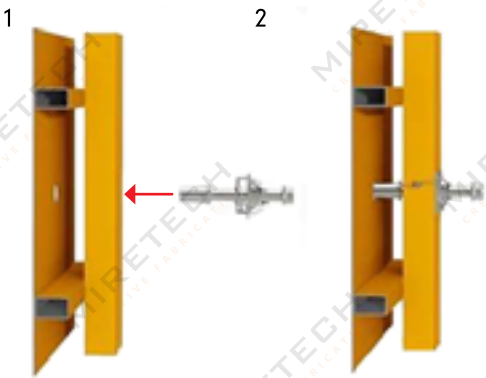


주문 제작/포장

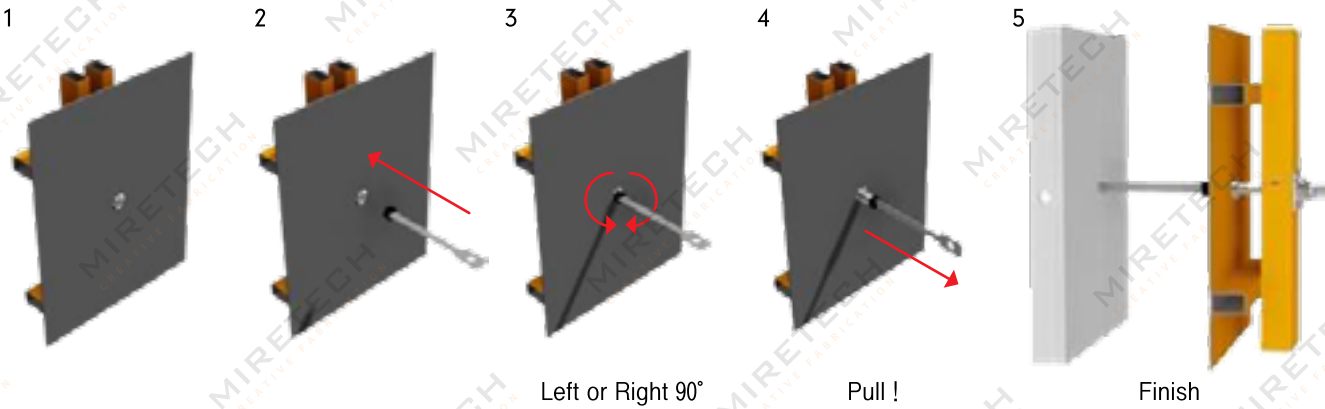
One Touch Form Tie System

How To Use?

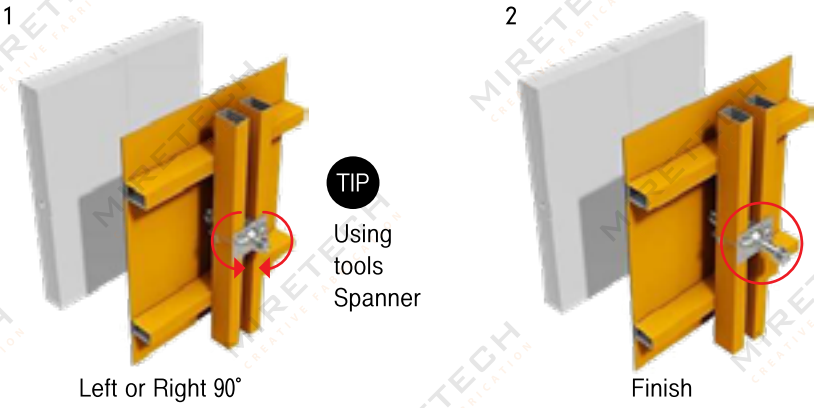
Unit Setting
본체 설치



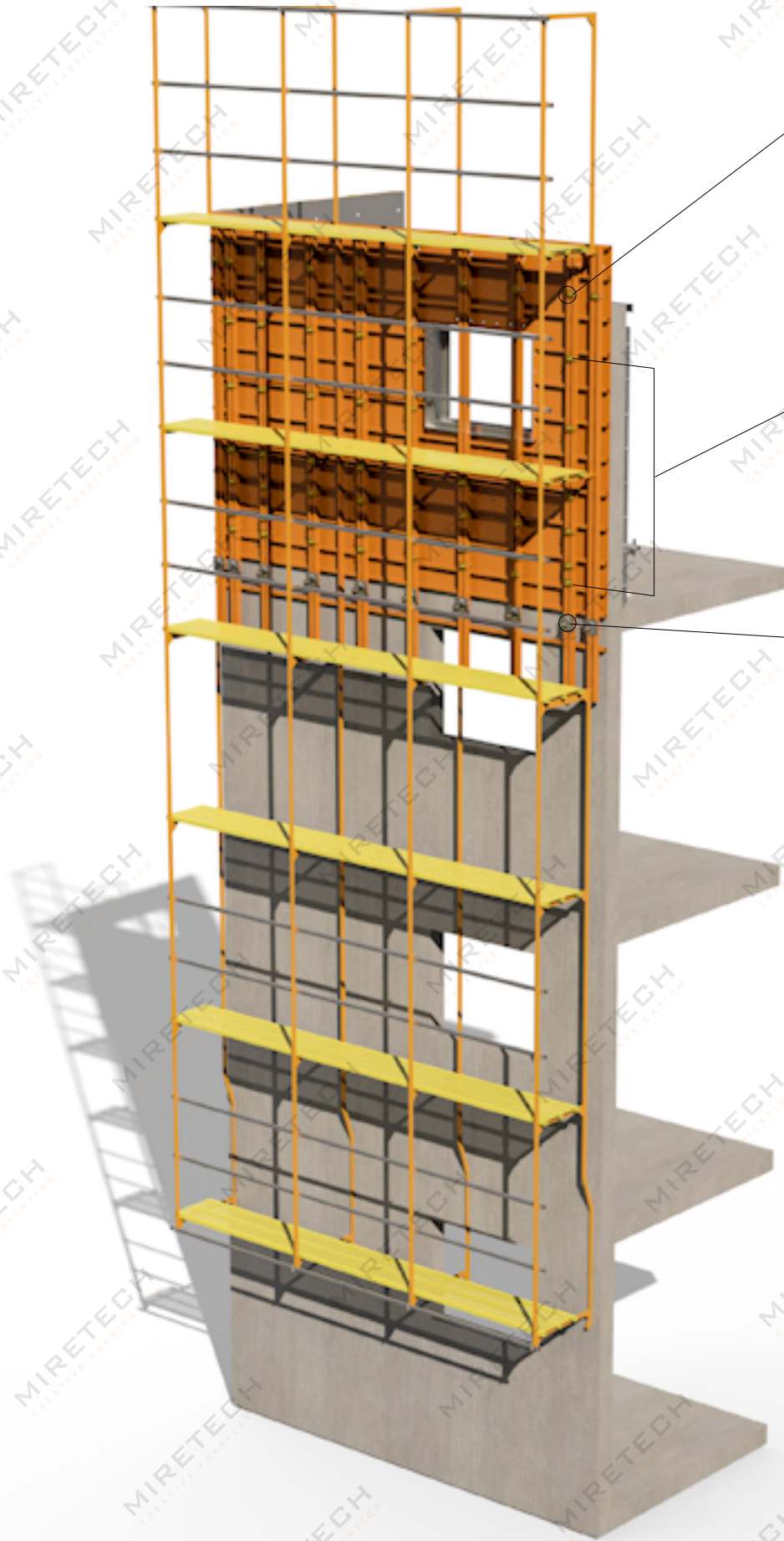
Tie Setting
타이 설치



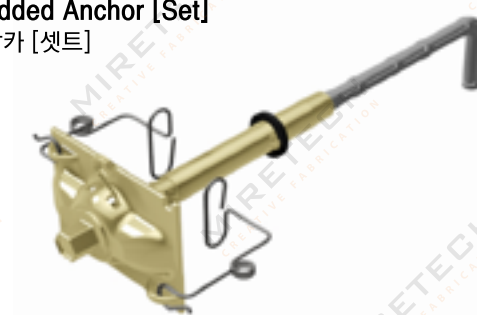
Unit Dismantling
본체 해체



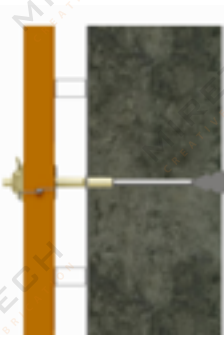
Inno Form Tie System



Embedded Anchor [Set]
매립 양카 [셋트]



Inno Form Tie [Set]
이노 폼타이 [셋트]



Gang Form Fixing Anchor [Set]
갱폼 고정용 볼트 [셋트]

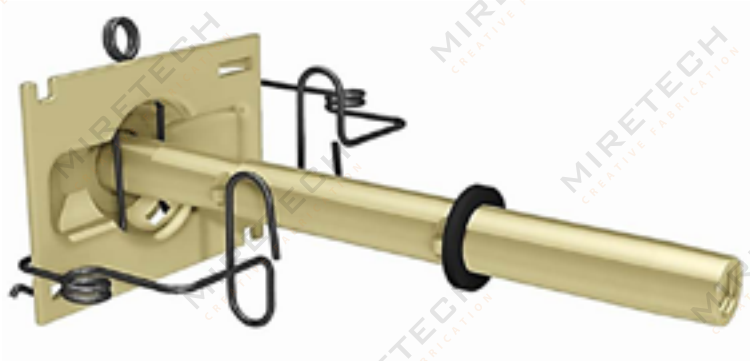


Inno Form Tie System

Inno Unit [General]
이노 본체 [일반]
Tensile Load / 4,000 kgf



Inno Unit [Pattern]
이노 본체 [문양]
Tensile Load / 4,000 kgf



주문 제작/포장

AL-Sepa Tie
알폼 세파타이
Tensile Load / 3,000 kgf



Euro-Sepa Tie
유로폼 세파타이
Tensile Load / 3,000 kgf



Anchor Fixable Bolt
앙카 고정 볼트
Tensile Load / 4,300 kgf

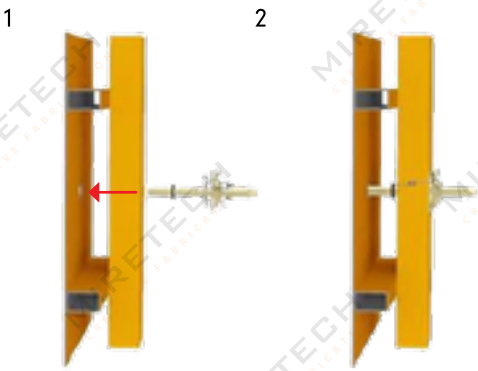


주문 제작/포장

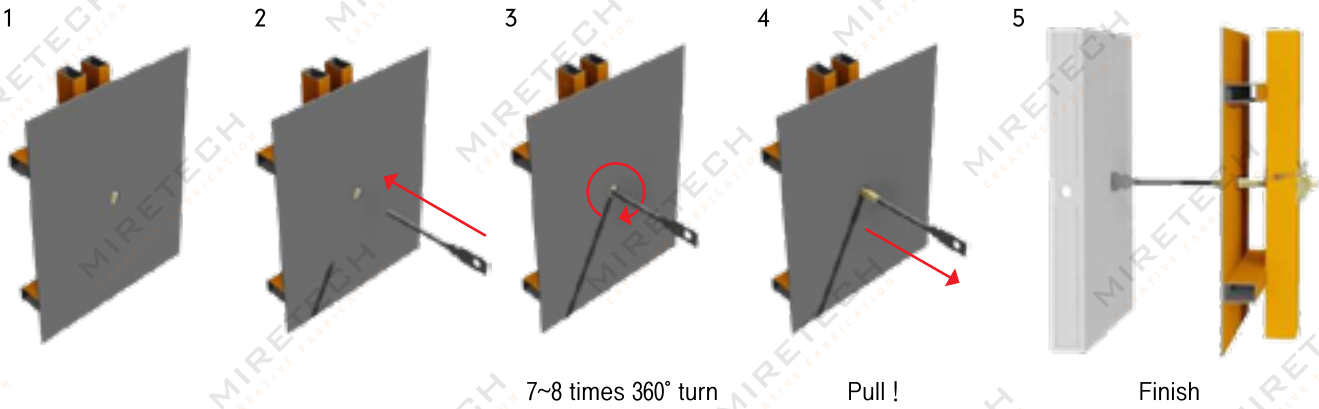
Inno Form Tie System

How To Use?

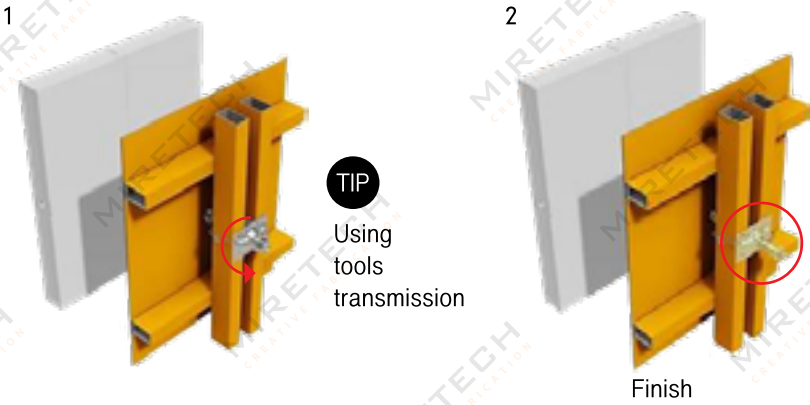
Unit Setting
본체 설치



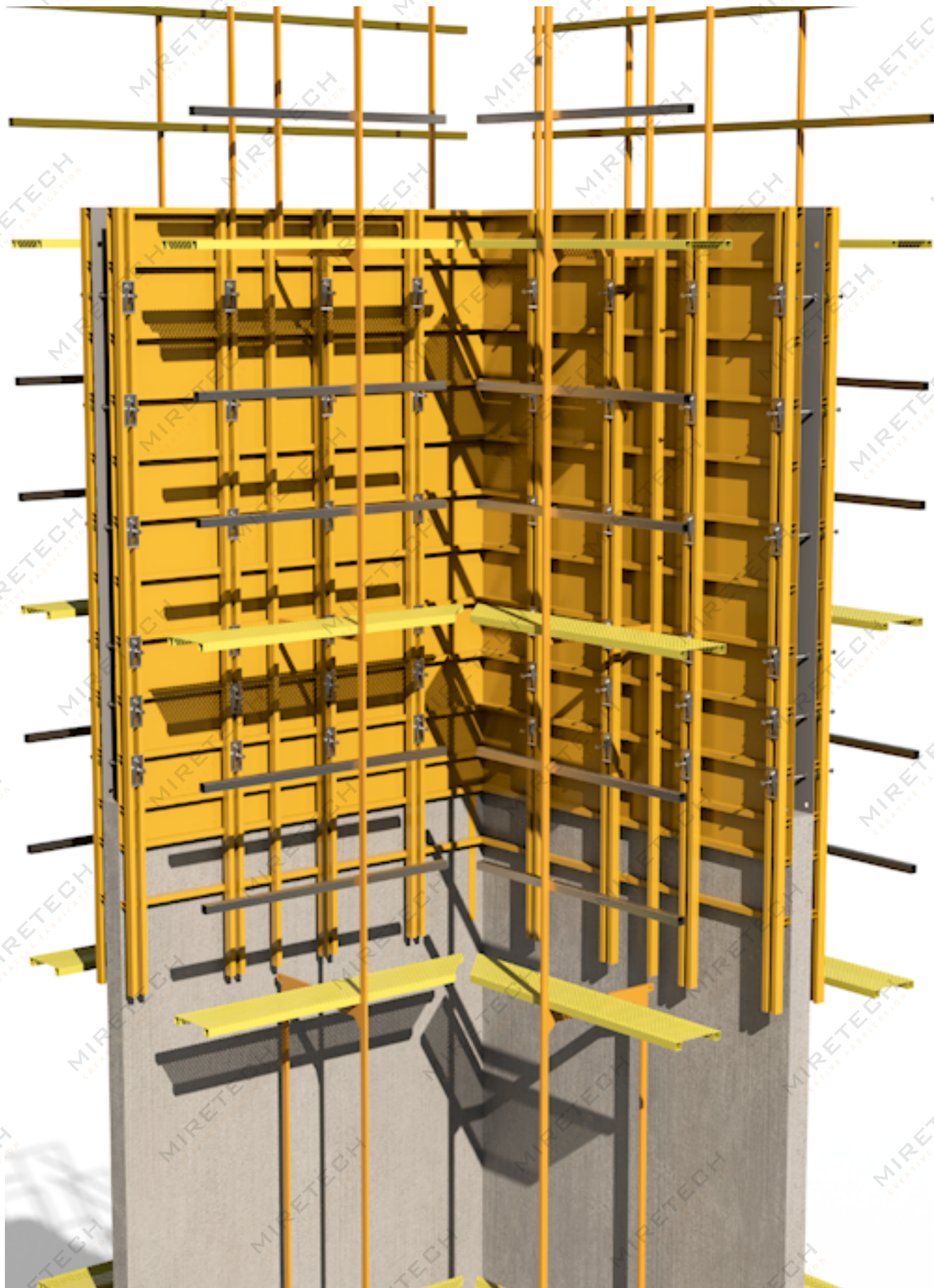
Tie Setting
타이 설치



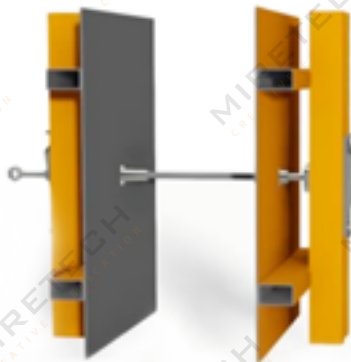
Unit Dismantling
본체 해체



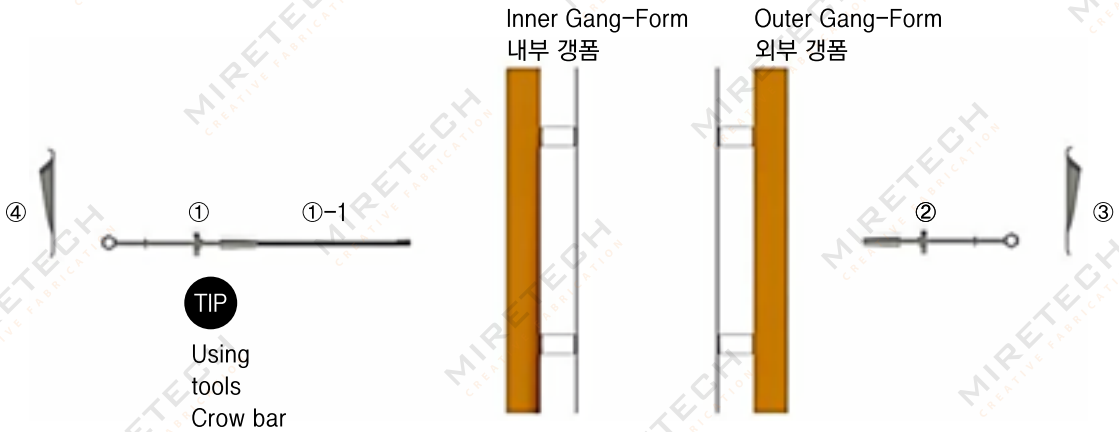
Easy Form Tie System



내-외부 거푸집이 Gang-Form을 적용하는 구조체에 적합한 Form Tie 시스템



조립도



Easy Form Tie System

Easy Unit
이지본체
Tensile Load / 4,000 kgf



Mire-Washer
미래와셔



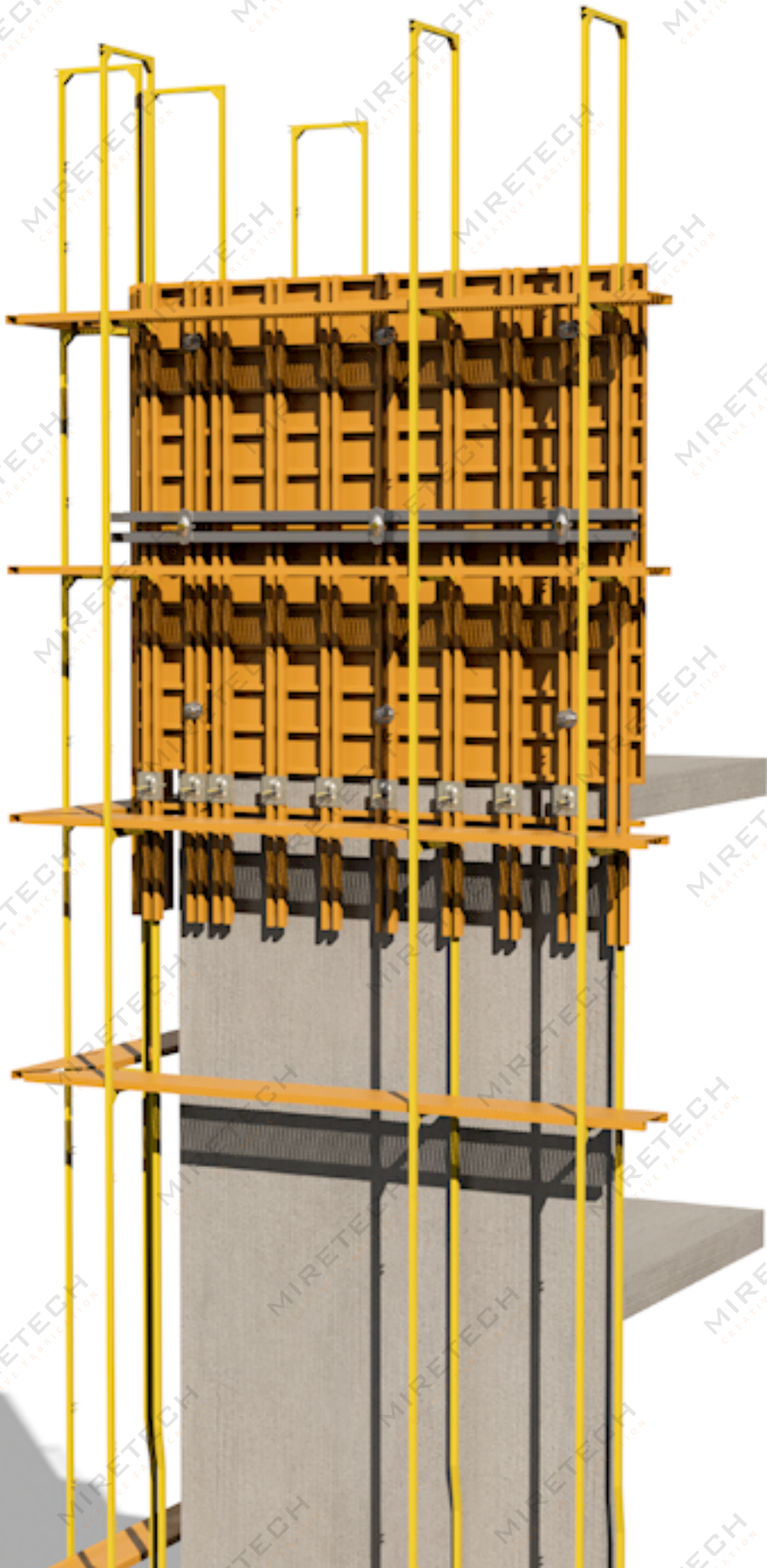
2pieces
1Unit

Sepa Bolt [1/2"]
세파볼트 [1/2"]
Tensile Load / 4,500 kgf



주문 제작/포장

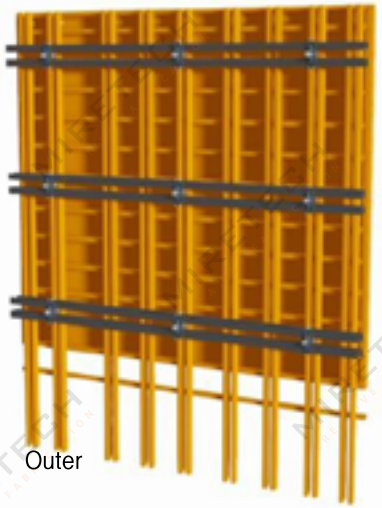
Dywidag Form Tie System



Heavy Wall 적용 시

- Tie 수량 절감
- 시공 시간 단축
- 거푸집 강도 보강
- 시공 품질 향상

[동일 면적 Gang-Form 적용 조건일 경우 폼타이 수량 비교]



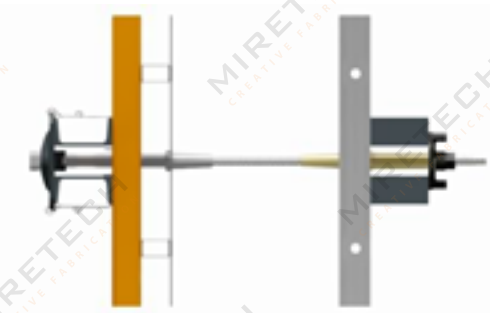
▲Dywidag 폼타이 + 웨일러 밴드
9개의 폼타이로 시공



▲일반 폼타이 시스템
42개의 폼타이로 시공

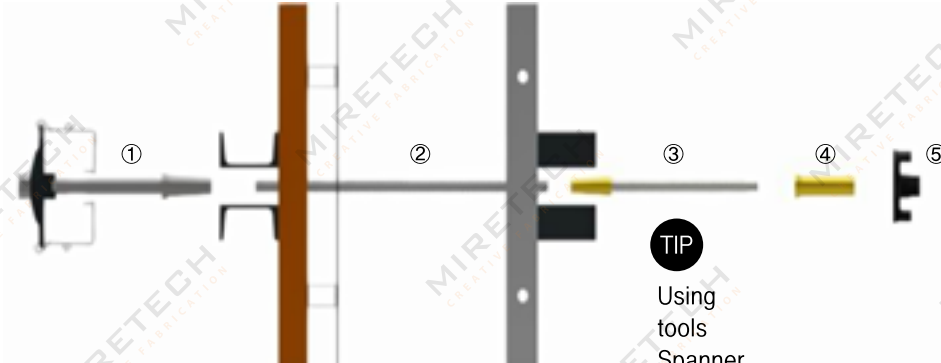


Inner



Outer Gang-Form
외부 갱폼

Inner AL-Form
내부 알폼



Dywidag Form Tie System

Dywidag Unit
디비닥 본체
Tensile Load / 14,700kgf



Dywidag Cone Bolt [Assembly]
디비닥 콘볼트 [조립]



주문 제작/포장

Pipe Flange
파이프 플렌지



Flange Nut
플렌지 너트



Dywidag Cone Bolt
디비닥 콘볼트
Tensile Load / 14,700kgf



Dywidag Bolt
디비닥 볼트
Tensile Load / 14,700kgf



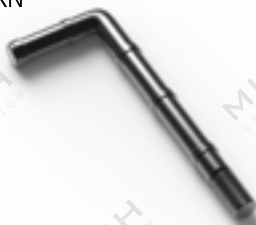
주문 제작/포장

Gang- Forming Part



Gang-Forming Part [Anchor]

Deformed Anchor Bolt
마디양카 볼트
Pull out Load / 39.5 KN



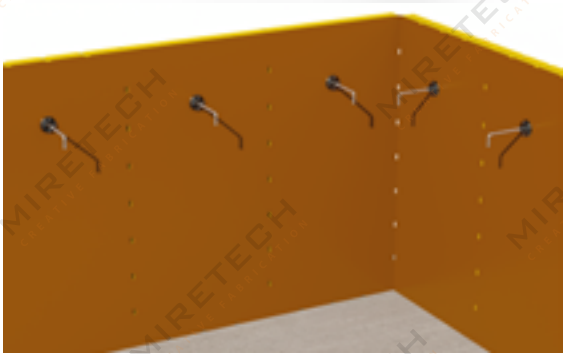
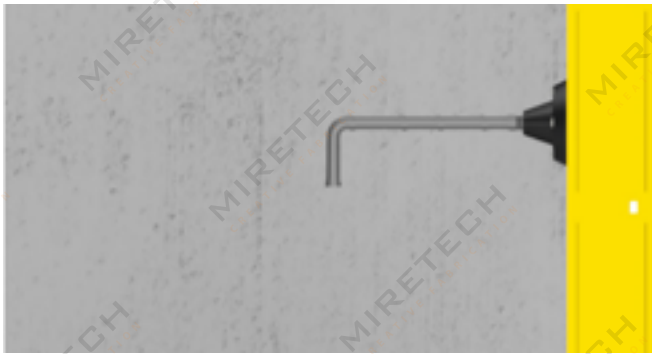
Anchor Bolt
양카볼트
Pull out Load / 13.2 KN



Anchor Fixing Cap
양카 고정 캡



Anchor Fixing Cap [Assembly]
양카 고정캡 [조립]



Slab Anchor
슬라브 양카



Gang-Forming Part [Setting]

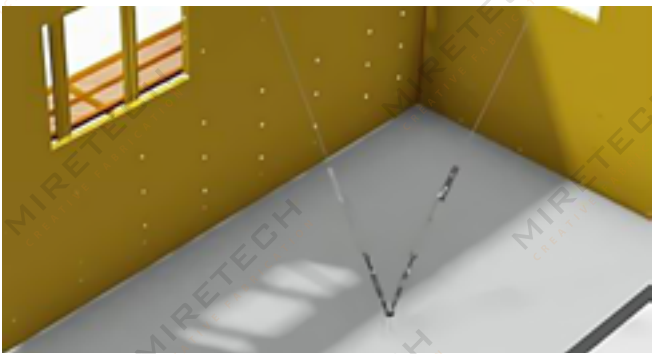
Gang-Form Fixing Washer
갱폼 고정 와셔



Gang-Form Joint Pin
갱폼 조인트 핀



Wire Turnbuckle
와이어 조절대

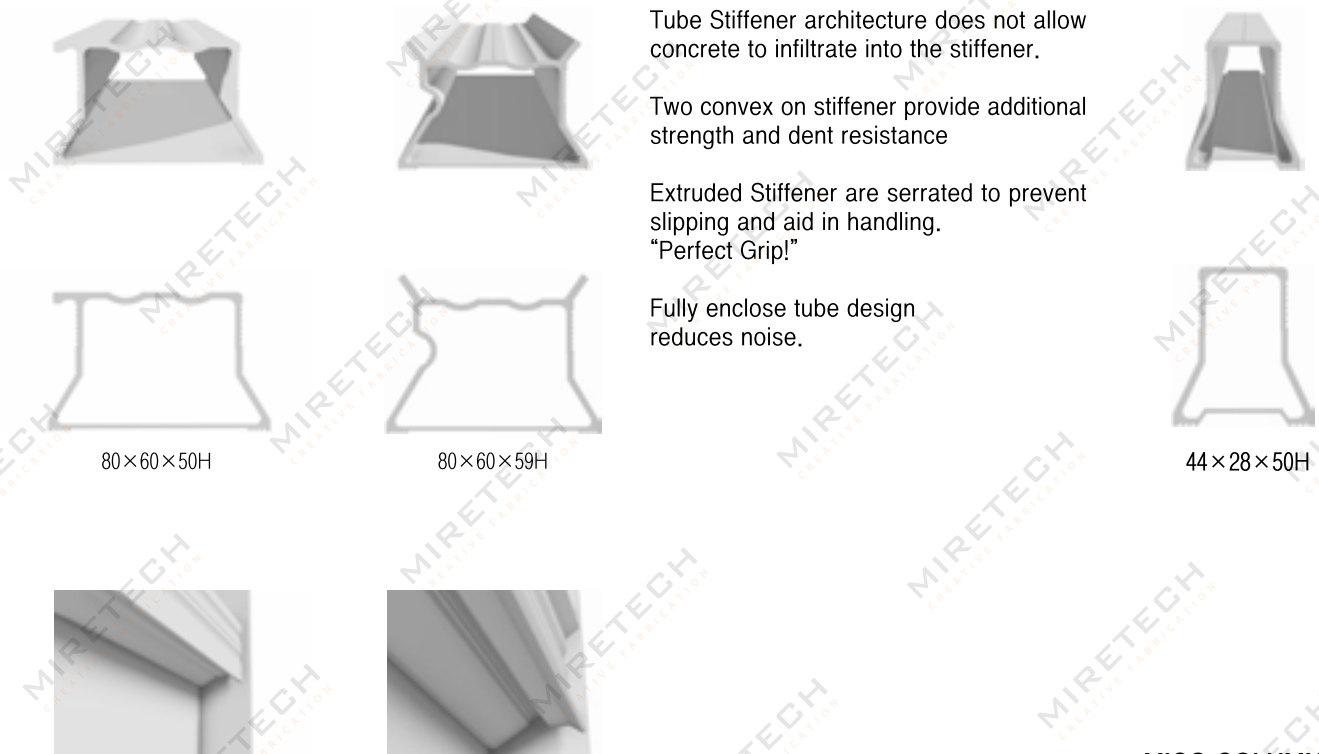
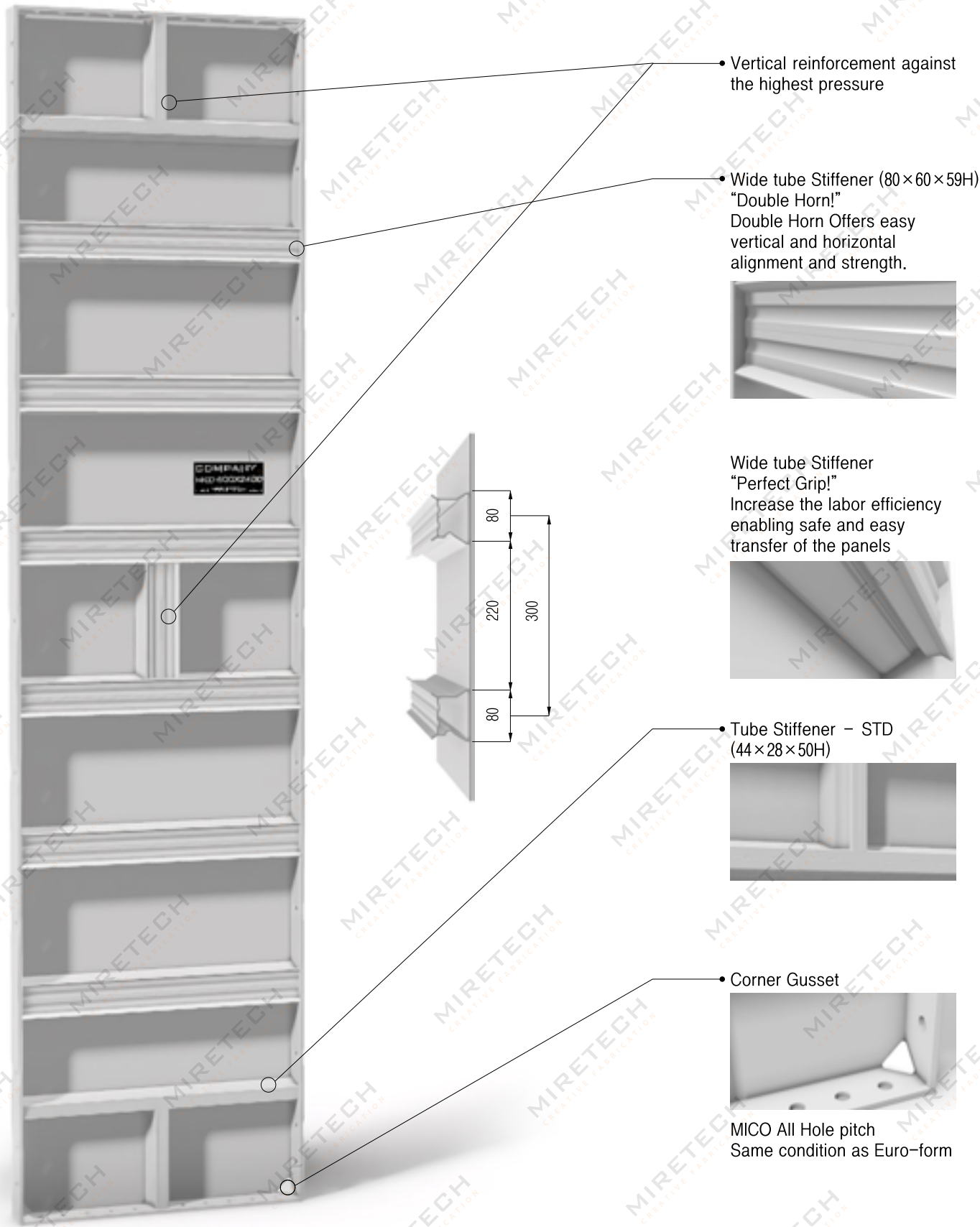


A large-scale construction project is captured at sunset. The scene is dominated by the dark silhouettes of multiple tower cranes and the skeletal framework of several multi-story buildings under construction. The warm, golden light of the setting sun creates a strong backlighting effect, highlighting the intricate steel structures and casting long shadows. The sky is a mix of orange and grey, with some clouds visible. The overall composition conveys a sense of industrial activity and the scale of modern construction.

Aluminium Form & AL-Forming Part

Aluminium Form Part [MICO Panel]

MICO W (For Sale)
미코 패널 [벽체]
W600/450/400/300/200 × H2400
Siderail 63.5mm, Skin 4mm W600 × 2400. ±30kg



MICO COLUMN
미코 패널 [기둥]
Sample Composed by
600×2400, 400×2400, (100+100)×2400

MICO D (For Sale) : W600/450/400/300/200 × H1200
미코 패널 [데크] Siderail 63.5mm, Skin 4mm
W600 × 1200 기준 ±14.5kg



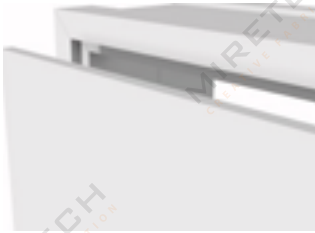
Aluminium Form Part [ALUFORMS U.S. Panel]

W900/600/450/400/300 × H2400.
Siderail 54mm, Skin 3.2mm (rolling sheet) W900 × 2400. ± 38.5kg

Face sheet : 3.2T AA5083H32
Inset face sheet around full perimeter of panel
Full perimeter welded around outside rails



• Siderail & Sheet



top view



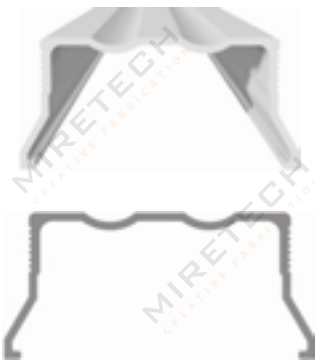
• Auto Pin
Auto pin provide easy & rapid Installation for your job site



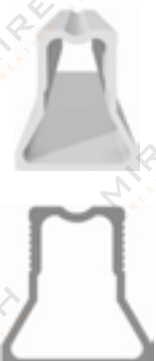
• Bushing
Bushings are proven to protect your siderails & can be reused numerous times with the guarantee of long life



• Corner Gusset



100×80×50H

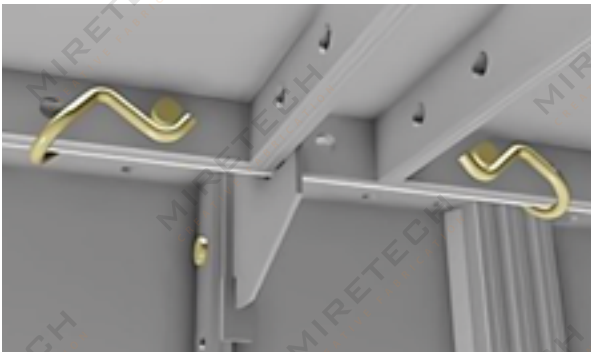


44×28×50H

HAT type wide Stiffener supports the face sheet ,against deflection force resulting flat and glassy finished concrete surface.

Tube Stiffener architecture does not allow concrete to infiltrate into the stiffener.

Two convex on stiffener provide additional strength and dent resistance



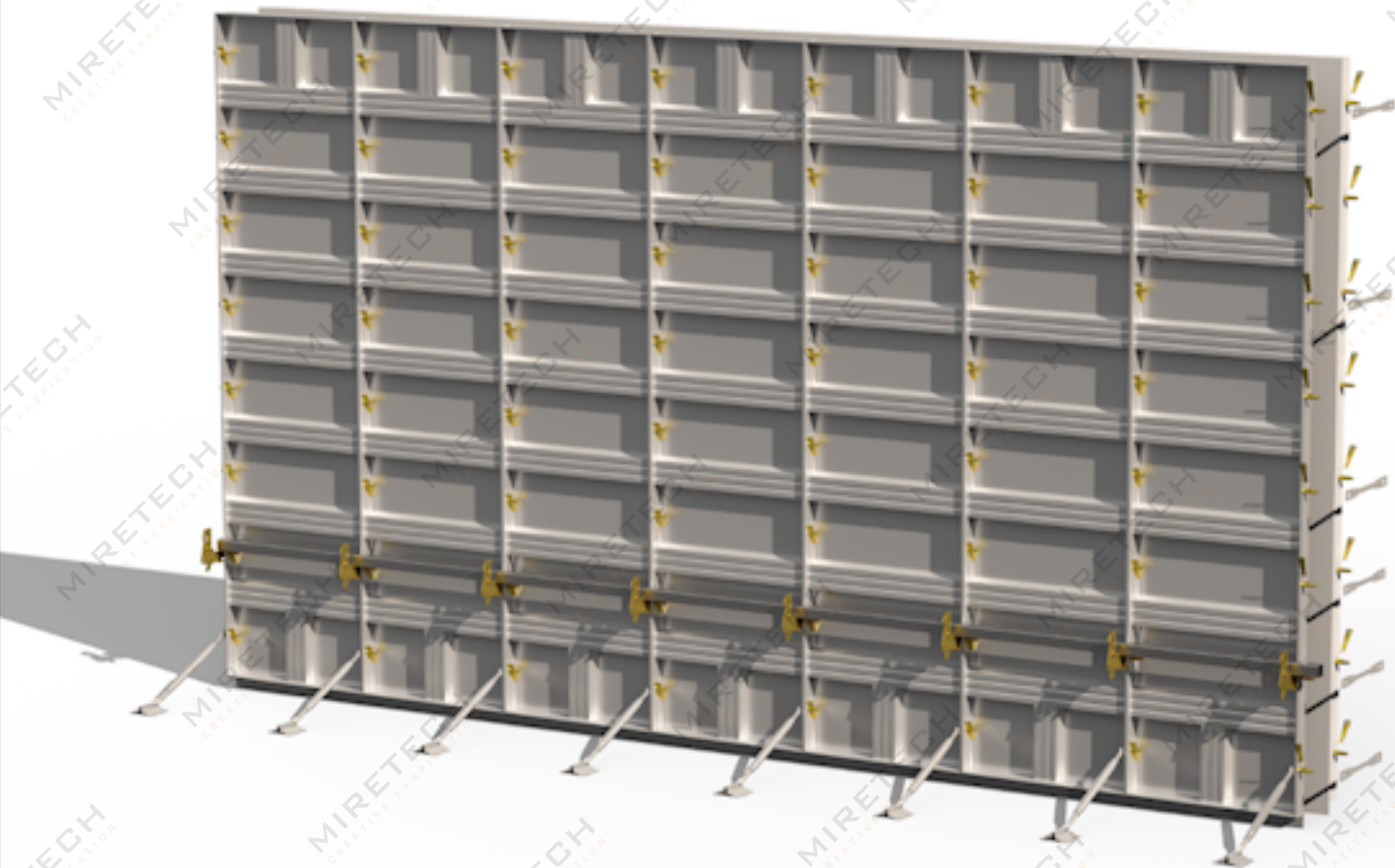
ALUFORMS US Deck Panel
Auto Pin or Form Clip



ALUFORMS US Panel Wall
Example image Composed by 900×2400 4ea (Interlocked by Auto Pin)

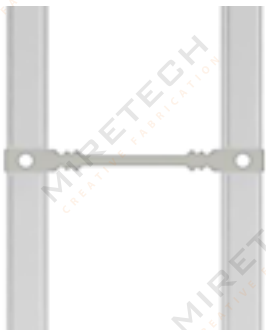


AL-Forming Part

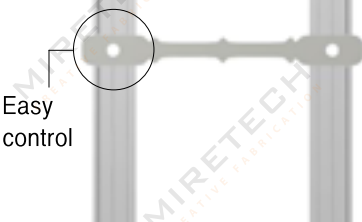


AL-Forming Part [Tie]

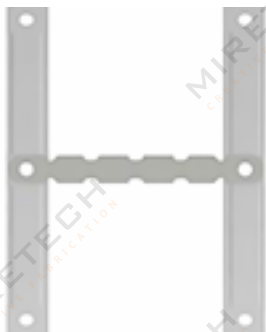
AL-Flat Tie [33]
알폼 플랫타이 [33]
Tensile Load / 3,000 kgf



AL-Flat Tie [37]
알폼 플랫타이 [37]
Tensile Load / 3,000 kgf

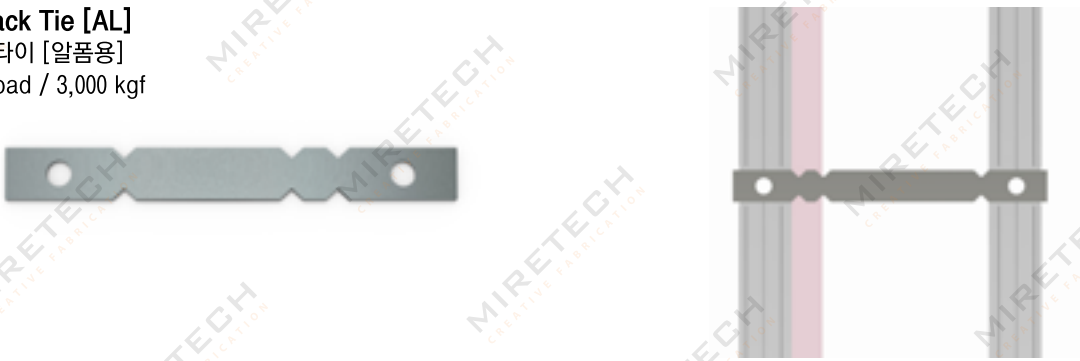


Round End Tie [Nominal Tie / Full Tie]
라운드 엔드 타이 [노미널타이 / 풀 타이]
Tensile Load / 3,620kgf / 8,000lbs
Size 6", 8", 10", 12"



주문 제작/포장

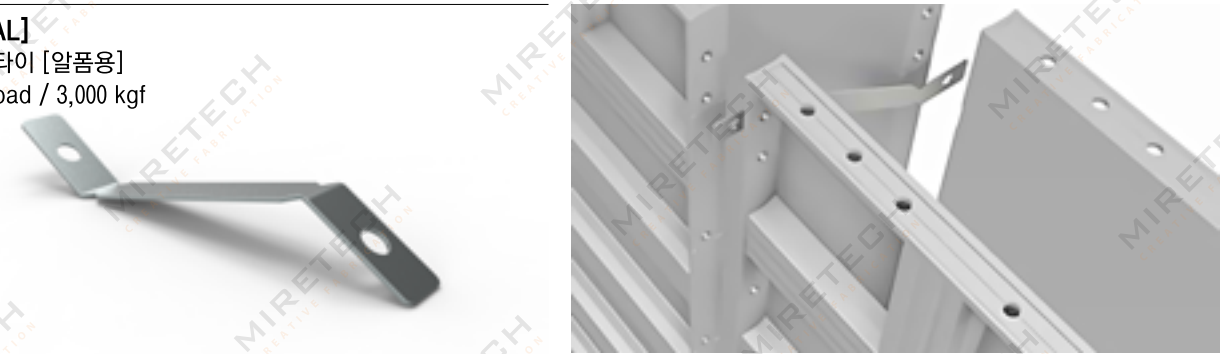
Break Back Tie [AL]
이중 플랫폼타이 [알루미늄용]
Tensile Load / 3,000 kgf



Dual Tie [AL+Euro]
겸용 타이 [알루미늄+유로폼]
Tensile Load / 3,000 kgf



Z- Tie [AL]
각도 플랫폼타이 [알루미늄용]
Tensile Load / 3,000 kgf



주문 제작/포장

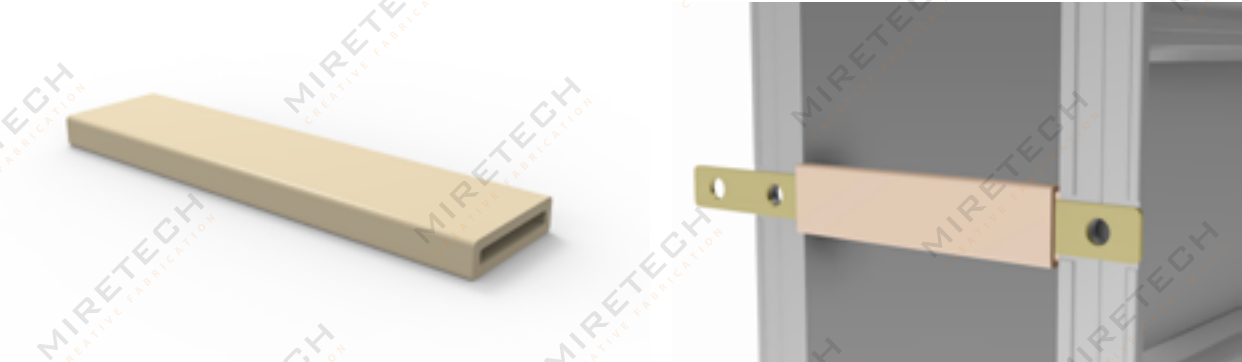
Reusable Tie [3Hole]
전용 타이 [3Hole]
Tensile Load / 3,800kgf



Reusable Tie [2Hole]
전용 타이 [2Hole]
Tensile Load / 3,800kgf



Tie Sleeve
타이 슬리브



주문 제작/포장

AL-Forming Part [Pin]

Stub Pin
원형핀



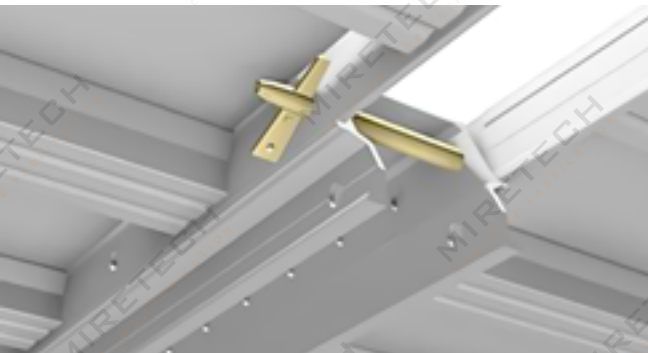
Standard Pin
스탠다드 핀



AL-Filler Pin
알폼 킬러핀



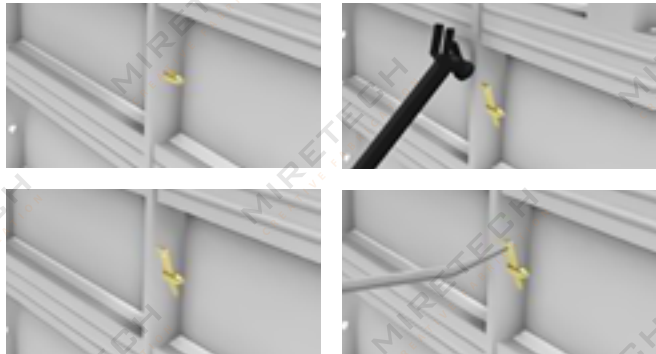
Beam Pin
롱 핀



주문 제작/포장

AL-Forming Part [Wedge]

AL-Wedge
알폼 웨지



Straight Wedge
스트레이트 웨지



Curved Wedge
커브드 웨지



Dual Wedge [AL+Euro]
겸용 웨지 [AL+Euro]



주문 제작/포장

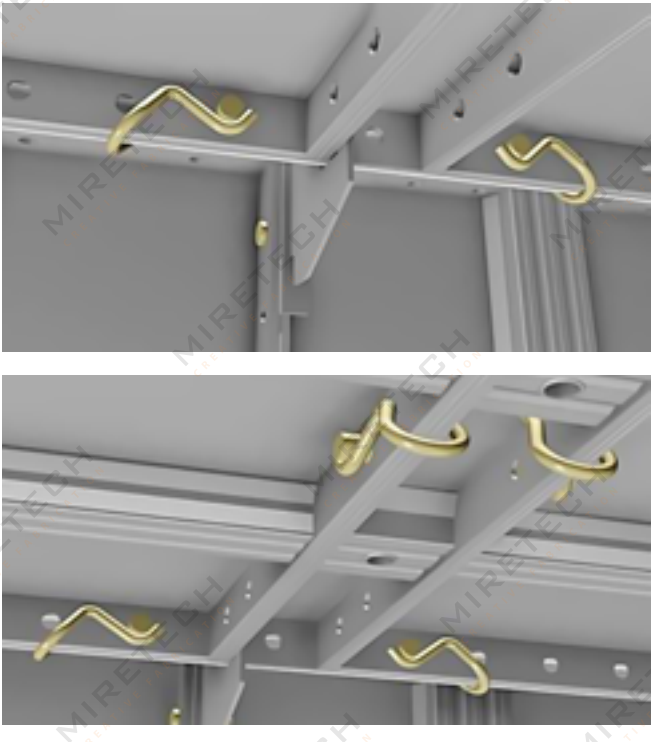
AL-Forming Part [Clip]

간편 시공
핀 분실 방지
소음 방지

Auto Pin
오토핀 [폼 부착형]
Slide type



Form Clip [Deck Panel]
폼 클립 [데크 패널용]



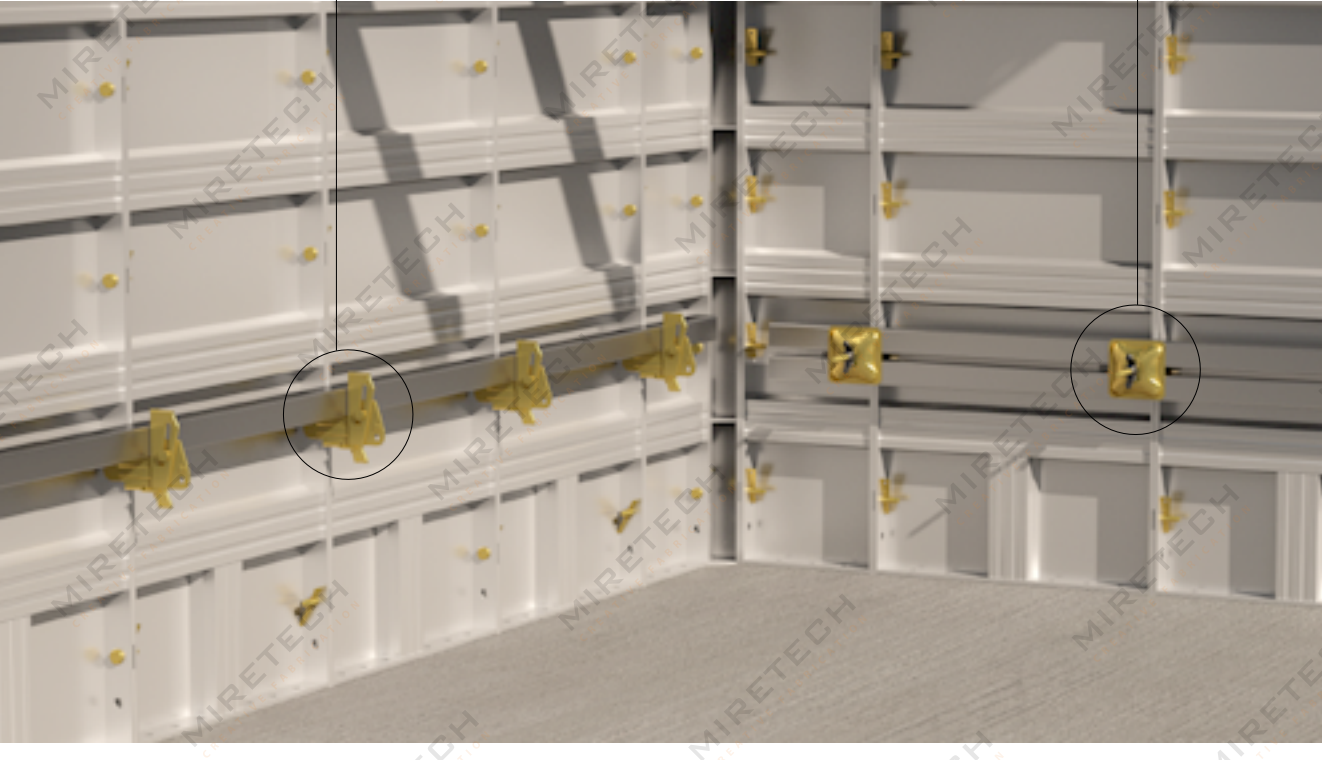
주문 제작/포장

AL-Forming Part [Waler Bracket]

AL-Bracket [Strike Type]
알폼 브라켓 [타격형]



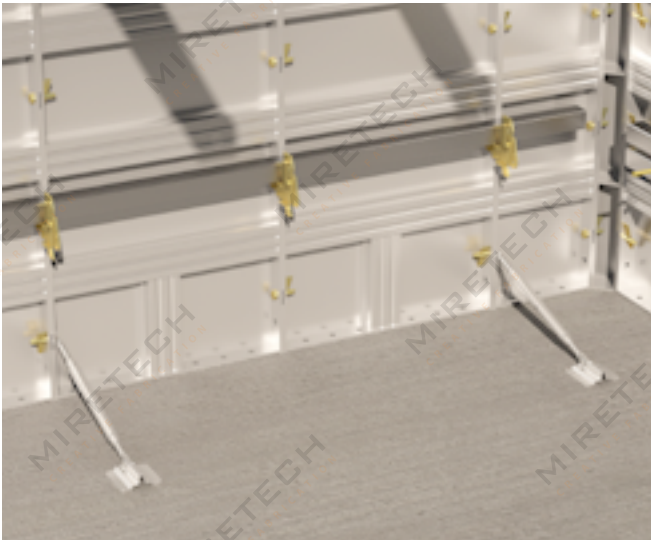
AL-Bracket [Bolt Type]
알폼 브라켓 [볼트형]



주문 제작/포장

AL-Forming Part [Turnbuckle Bracket / Adjustable]

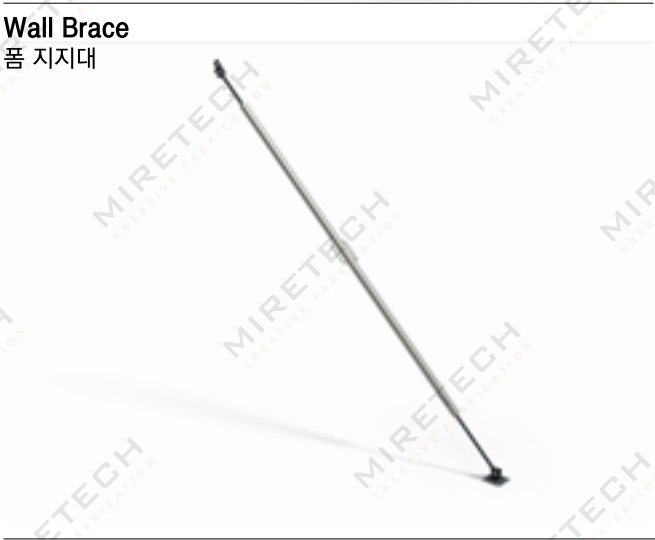
AL-Turnbuckle Bracket
알폼 조절 브라켓



Conner Turnbuckle Bracket
코너지지대



Wall Brace
폼 지지대

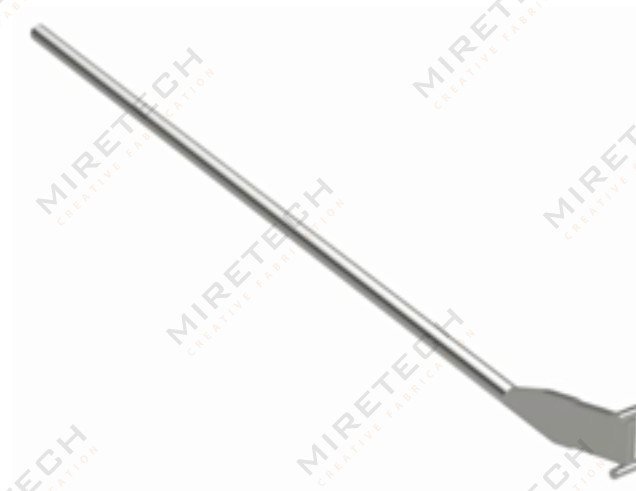


AL-Forming Part [TOOL]

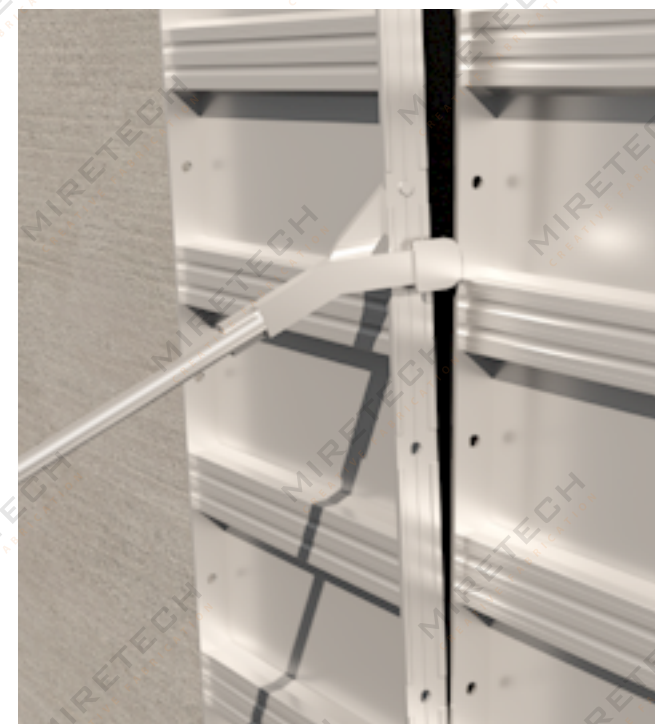
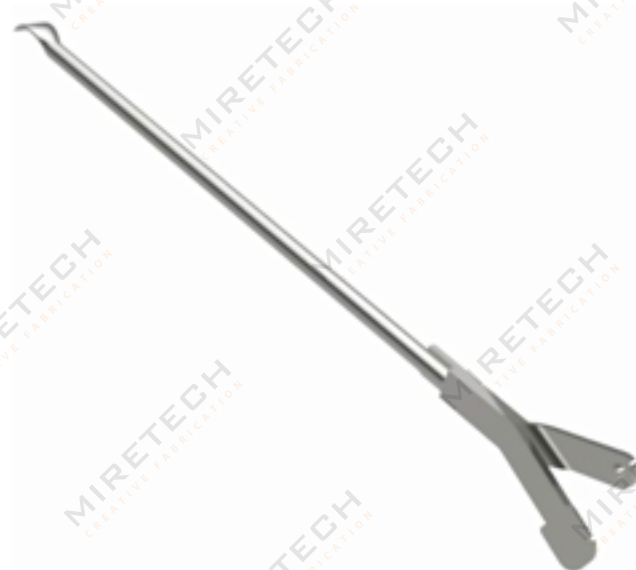


AL-Forming Part [TOOL]

Tie Breaker Bar
타이 제거 공구



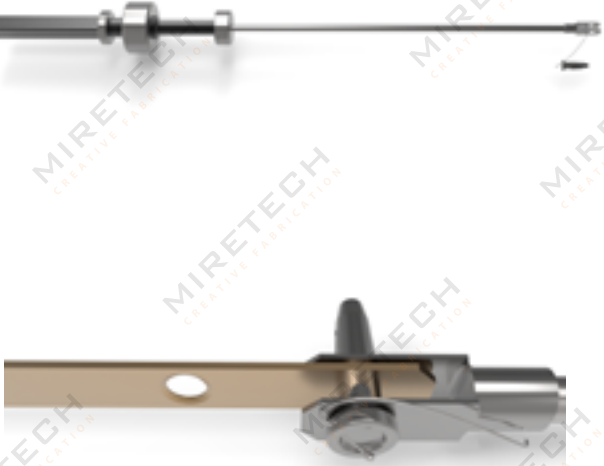
Form Puller
거푸집 해체 공구



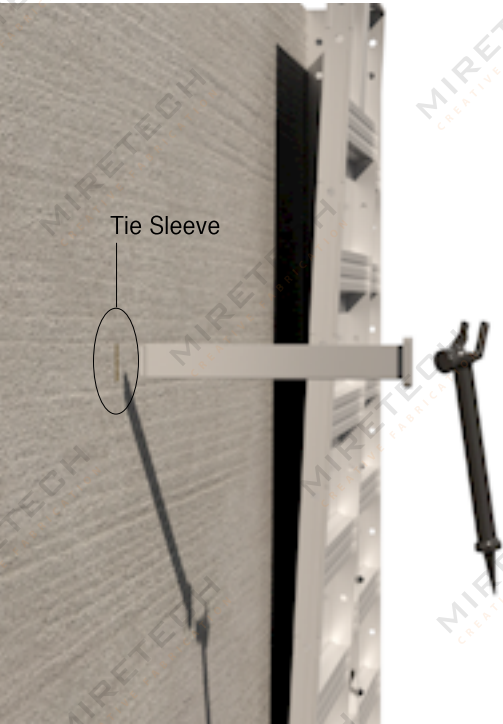
주문 제작/포장

AL-Forming Part [TOOL]

Tie Puller
전용타이 해체 공구



Ejector Bar
타이슬리브 해체 공구



주문 제작/포장

Stripper [Alignment Tool]
핀 해체 공구

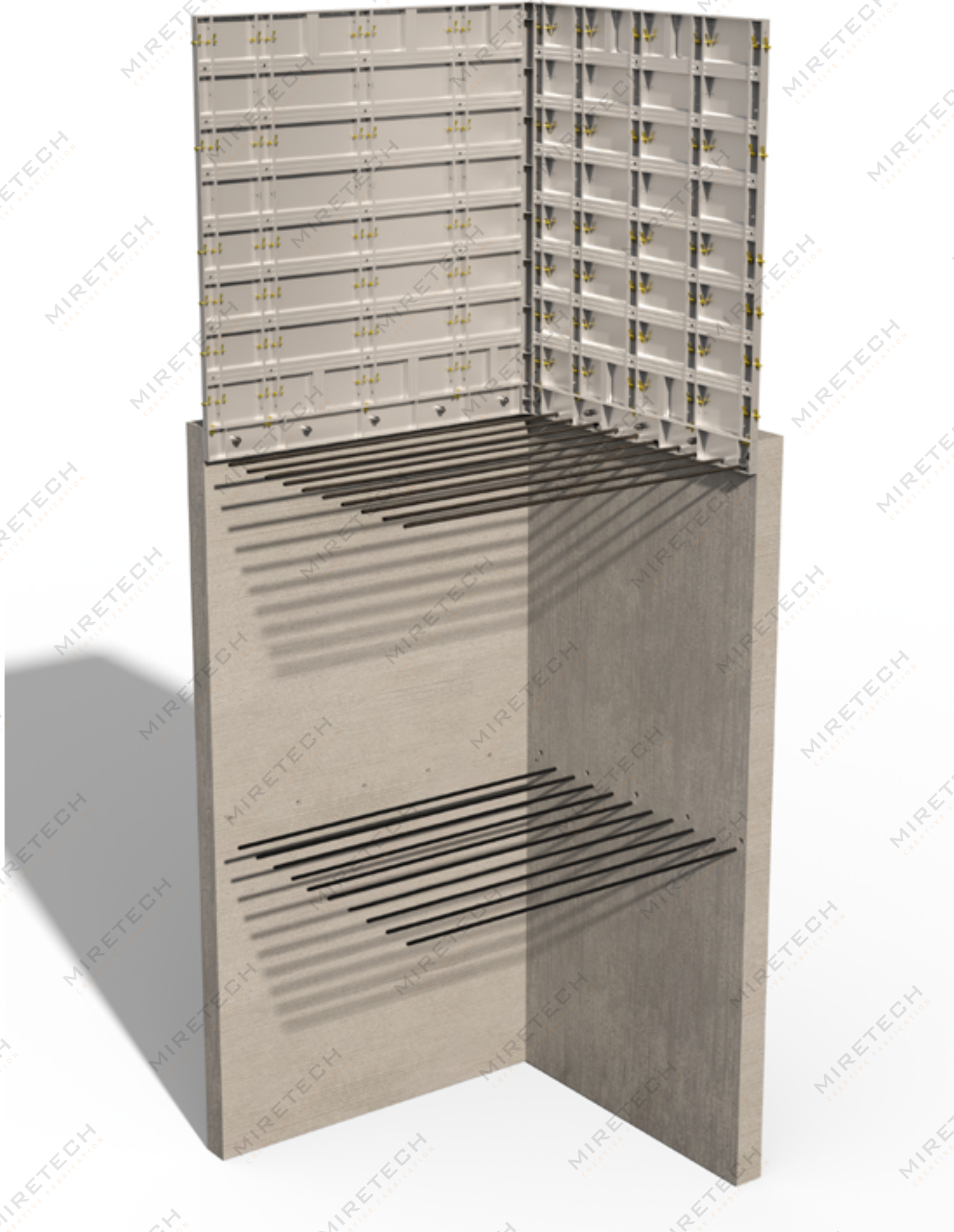


Form Scraper
폼 스크래퍼



주문 제작/포장

Kicker Anchor System



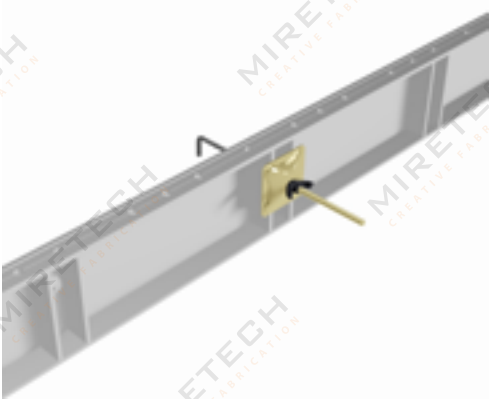
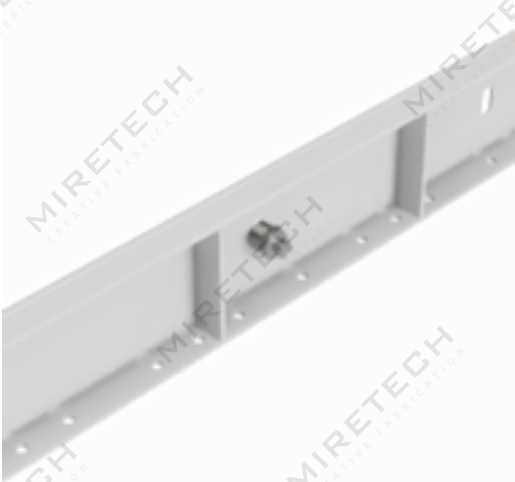
Kicker Anchor System

자재비/인건비 절감
시공 시간 단축

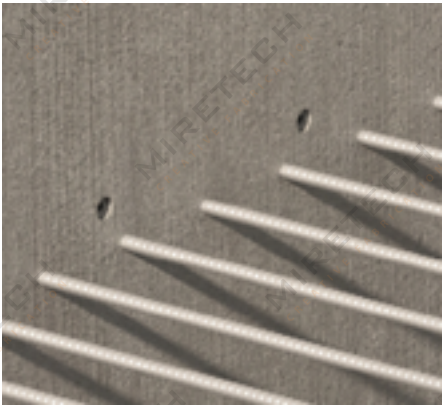
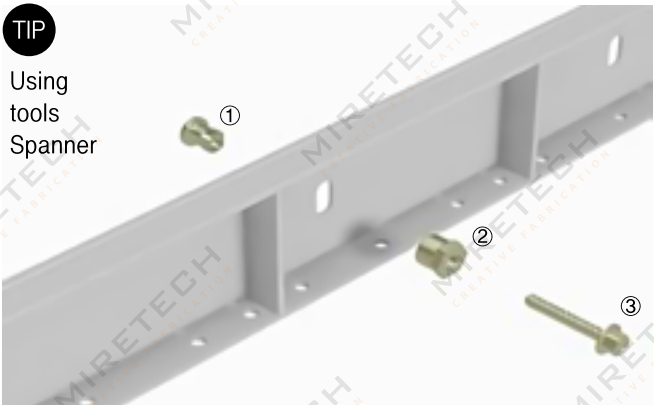
키커 폼 공법 비교

키커양카 시스템 공법
양카볼트 전용 사용 가능

일반 공법
양카볼트 매립



How To Use?



Kicker Anchor System

Kicker Anchor [Assembly]
키커앙카 [조립]



Kicker Bolt
키커 볼트



Kicker Nut
키커 너트



주문 제작/포장

Column



Column [Accessories]

Dywidag Washer
디비닥 와셔
Size 130*90*5T



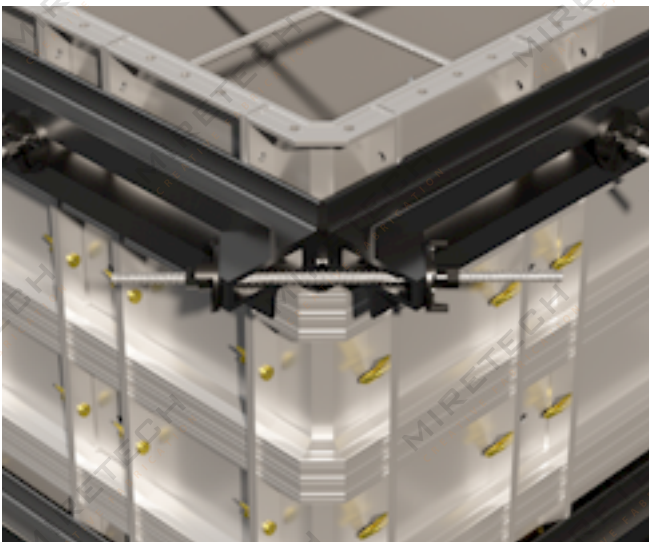
Waler Band
웨일러 밴드



Dywidag Bolt
디비닥 볼트
Tensile Load / 14,700kgf



Dywidag Nut
디비닥 너트



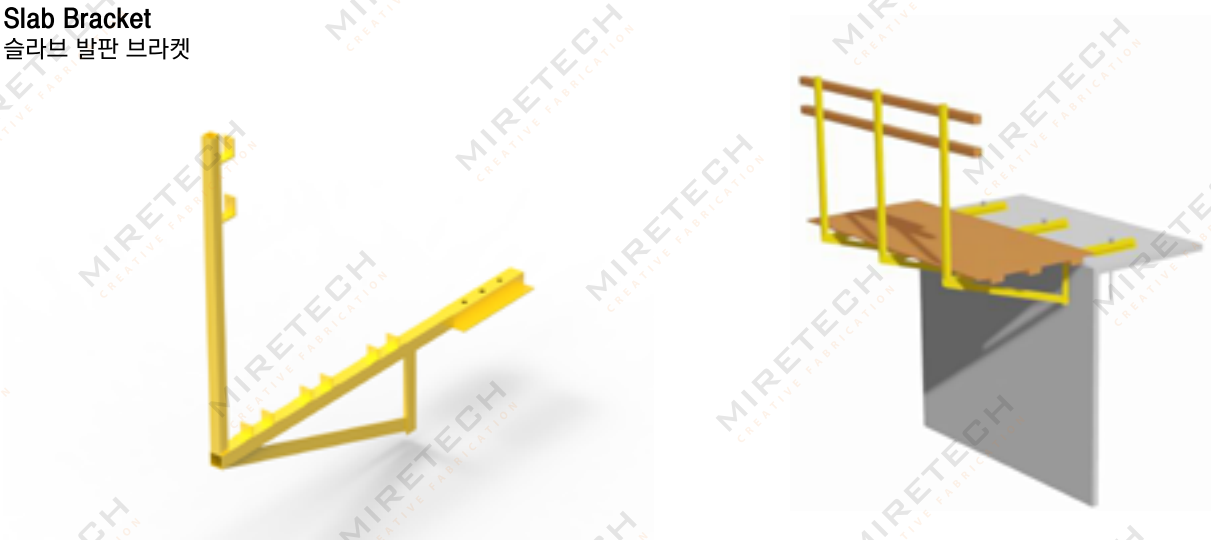
주문 제작/포장

Scaffold Bracket

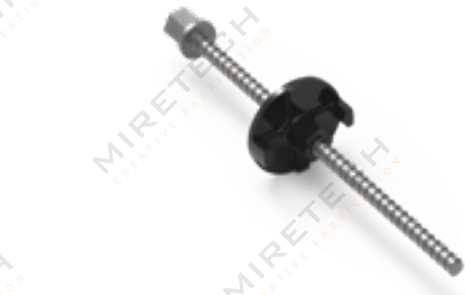
Wall Bracket
벽체 발판 브라켓



Slab Bracket
슬라브 발판 브라켓



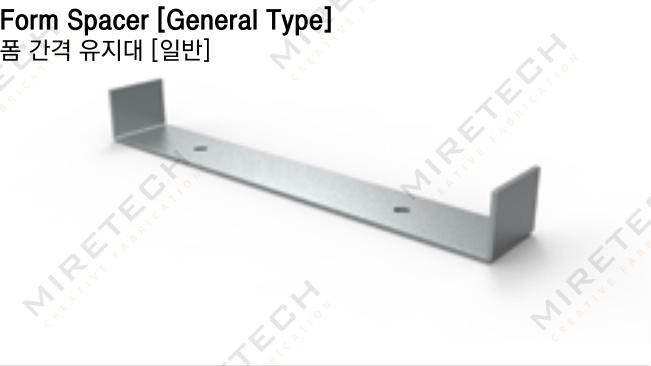
Bracket Fixing Bolt [Assembly]
브라켓 고정볼트 [조립]



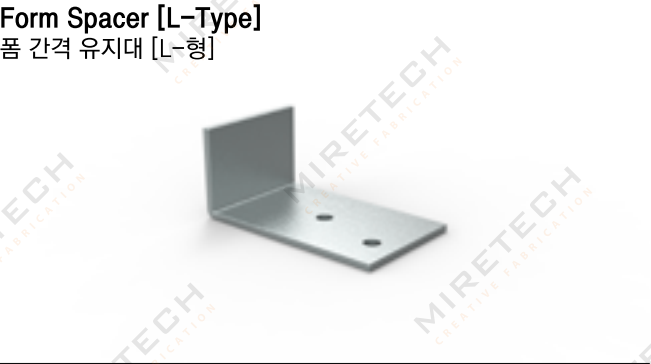
주문 제작/포장

MISC

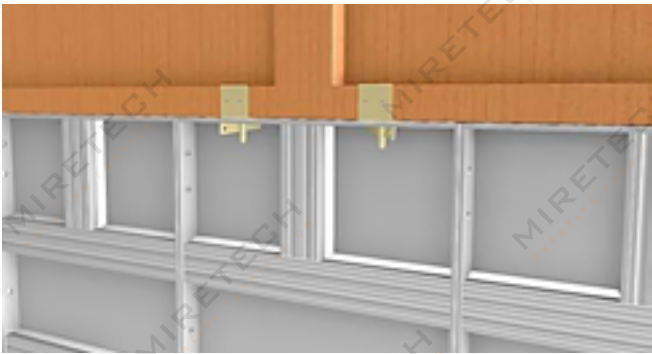
Form Spacer [General Type]
폼 간격 유지대 [일반]



Form Spacer [L-Type]
폼 간격 유지대 [L-형]



Extension Bracket
목심 브라켓

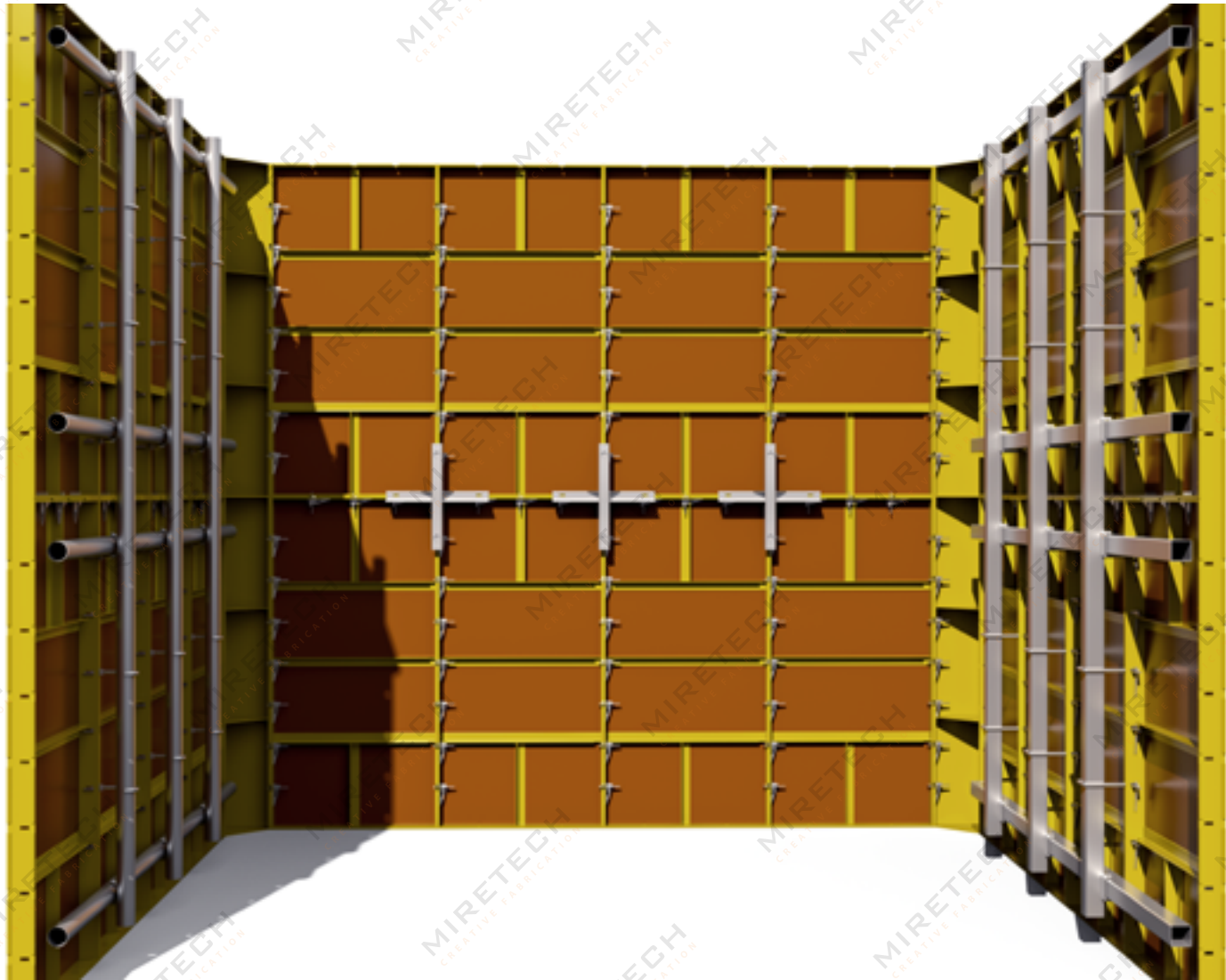


주문 제작/포장

A large-scale construction project is captured at sunset. The scene is dominated by the dark silhouettes of a building's steel framework and a massive tower crane. The crane's long jib extends across the upper half of the frame, supported by thick cables. The building's structure, including columns and beams, is visible in silhouette against the bright, orange-hued sky. The sun is low on the horizon, creating a strong backlight effect that highlights the edges of the steel and casts long shadows. The overall atmosphere is industrial and dramatic.

Euro- Forming Part

Euro-Forming Part

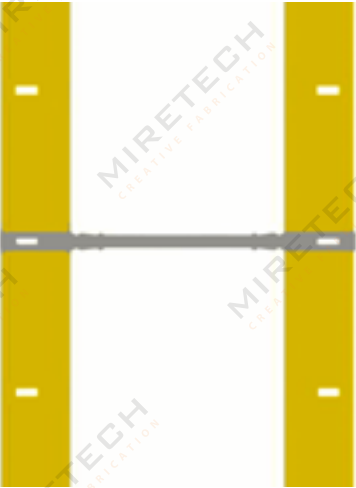


Euro-Forming Part [Tie]

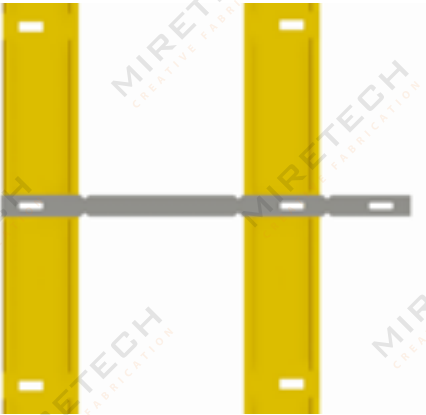
News

Thickness 2.8T
Tensile Load / 2,800kgf

Euro-Flat Tie 유로폼 랫타이



Euro-Double Tie 이중 유로 플랫타이



주문 제작/포장

Euro-Forming Part [Tie]

Z- Tie [Euro]
각도 플랫타이 [유로폼용]



Pin Bolt [Euro]
핀 볼트 [유로폼용]



Pin Bolt [Assembly]
핀 볼트 [조립]



주문 제작/포장

Euro-Forming Part [Wedge]

Euro-Wedge
유로폼 웨지



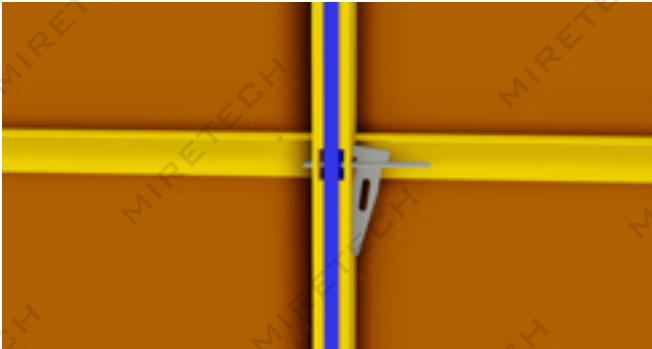
Euro-Filler Pin
유로폼 뿔러핀



주문 제작/포장

News

Thickness 4.3T



Euro-Forming Part [Hook]

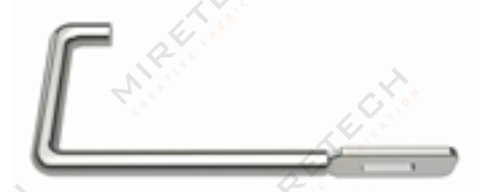
Round Pipe Hook [Large]
원형 후크 [대]



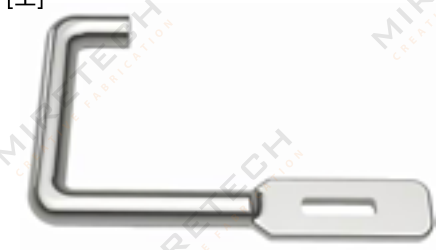
Round Pipe Hook [Small]
원형 후크 [소]



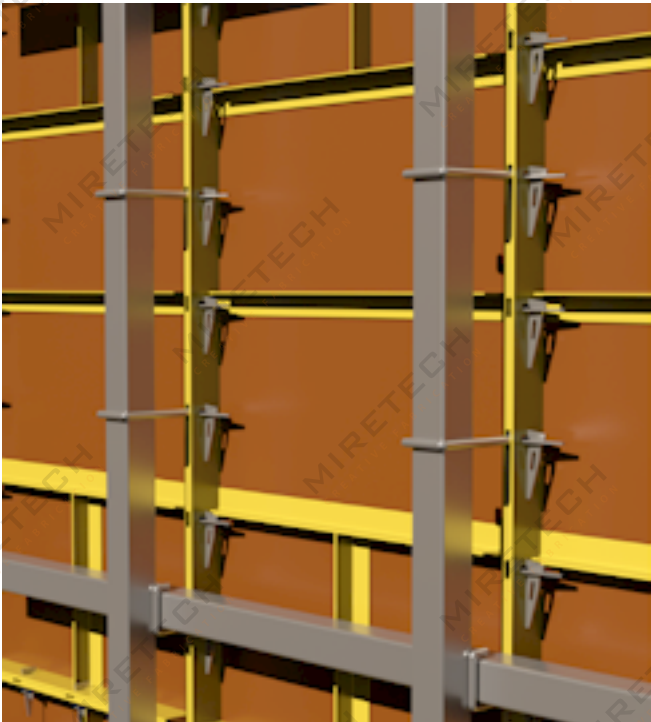
Square Pipe Hook [Large]
사각 후크 [대]



Square Pipe Hook [Small]
사각 후크 [소]

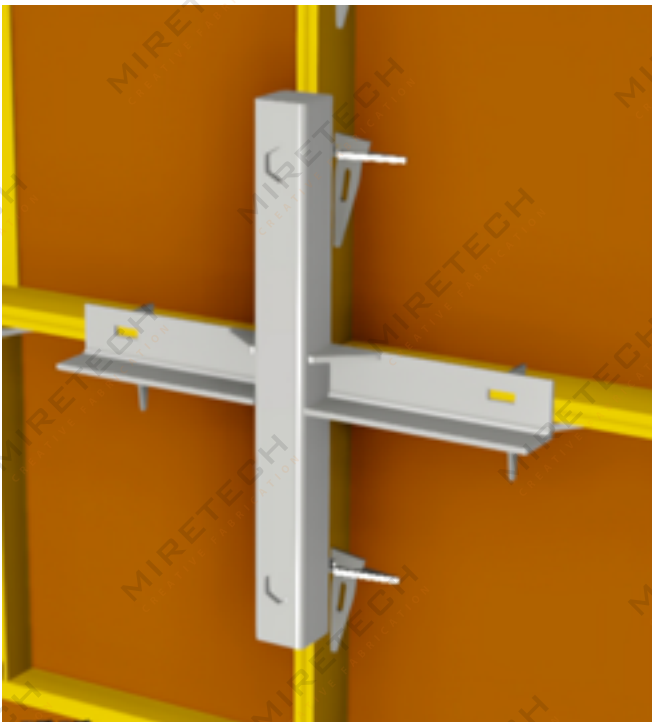


주문 제작/포장



Euro-Forming Part [Hook]

Joint Bar [Cross Type]
조인트 바 [십자형]

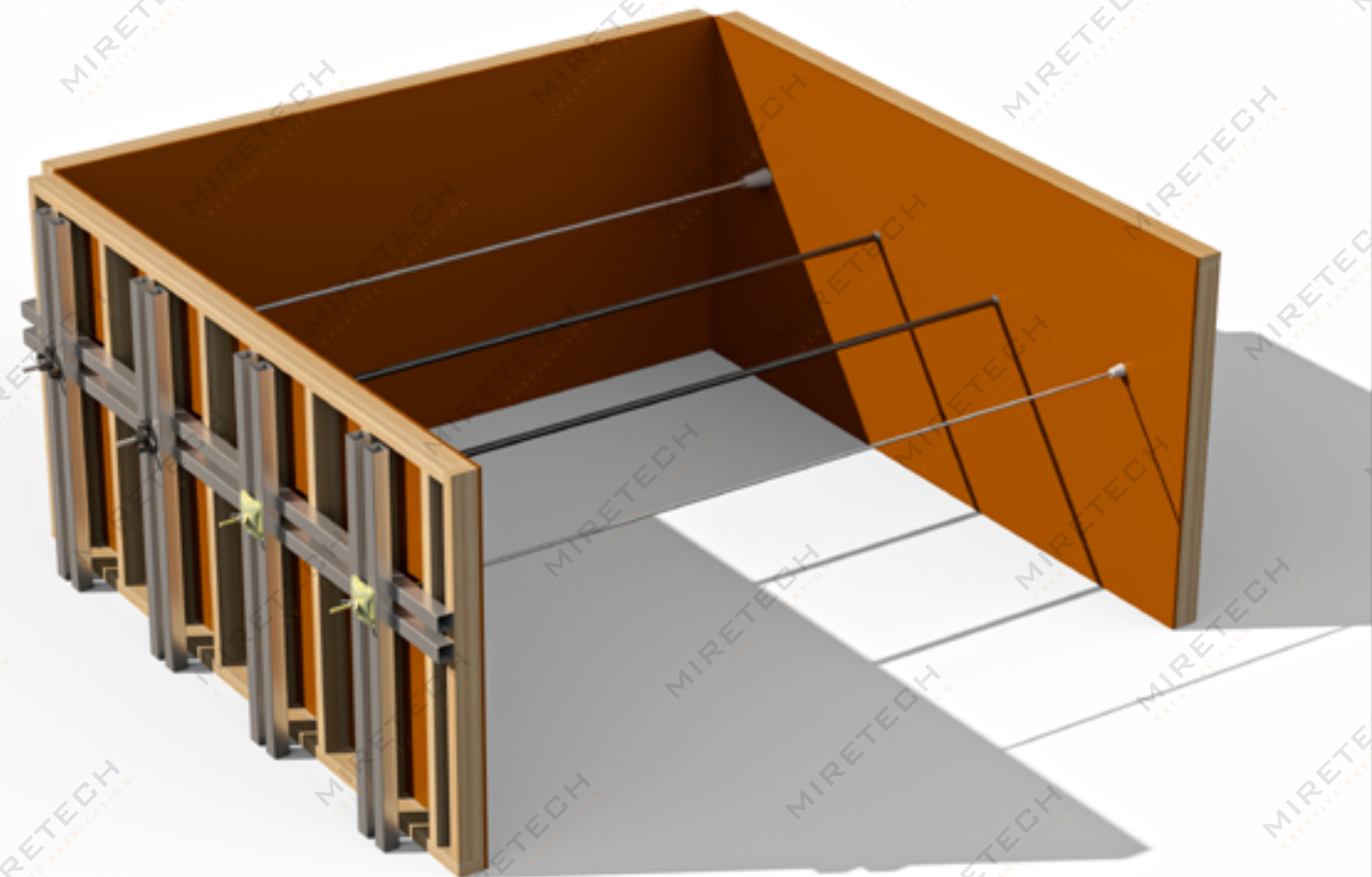


주문 제작/포장

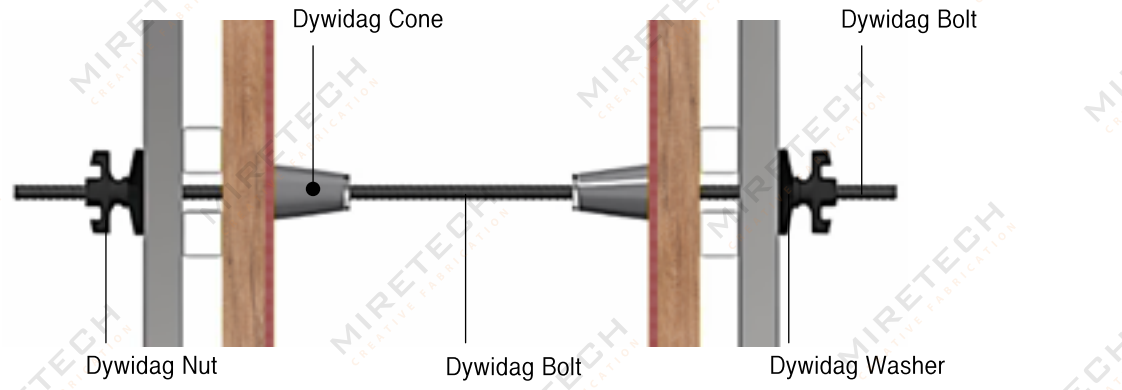
A large-scale construction project is captured in silhouette against a warm, golden sunset sky. Several tower cranes are visible, with one prominent crane extending from the left side across the upper half of the frame. The building's steel framework is visible, showing multiple levels and columns. The sun is low on the horizon, creating a strong backlight effect and casting long shadows. The overall scene conveys a sense of industrial activity and the end of a day's work.

Wood- Forming Part

Wood-Forming Part



Wood-Forming Part [Embedded Type / 매립]



Dywidag Bolt
디비닥 볼트
Tensile Load / 14,700kgf



Flange Nut
플렌지 너트



Dywidag Nut
디비닥 너트



Dywidag Washer
디비닥 와셔
Size 130*90*5T

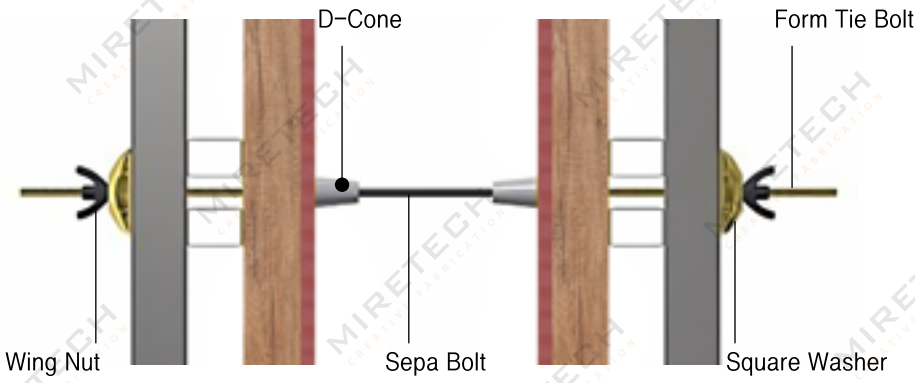


Dywidag Cone
디비닥 콘
Size 17*100mm



주문 제작/포장

Wood-Forming Part [Embedded Type / 매립]



Sepa Bolt
세파 볼트
Tensile Load / ½" 4,500kgf, 5/8" 7,000kgf



Form Tie Bolt
본체 볼트
Tensile Load / ½" 3,600kgf, 5/8" 7,000kgf



Square Washer
사각 와셔



Wing Nut
주물너트

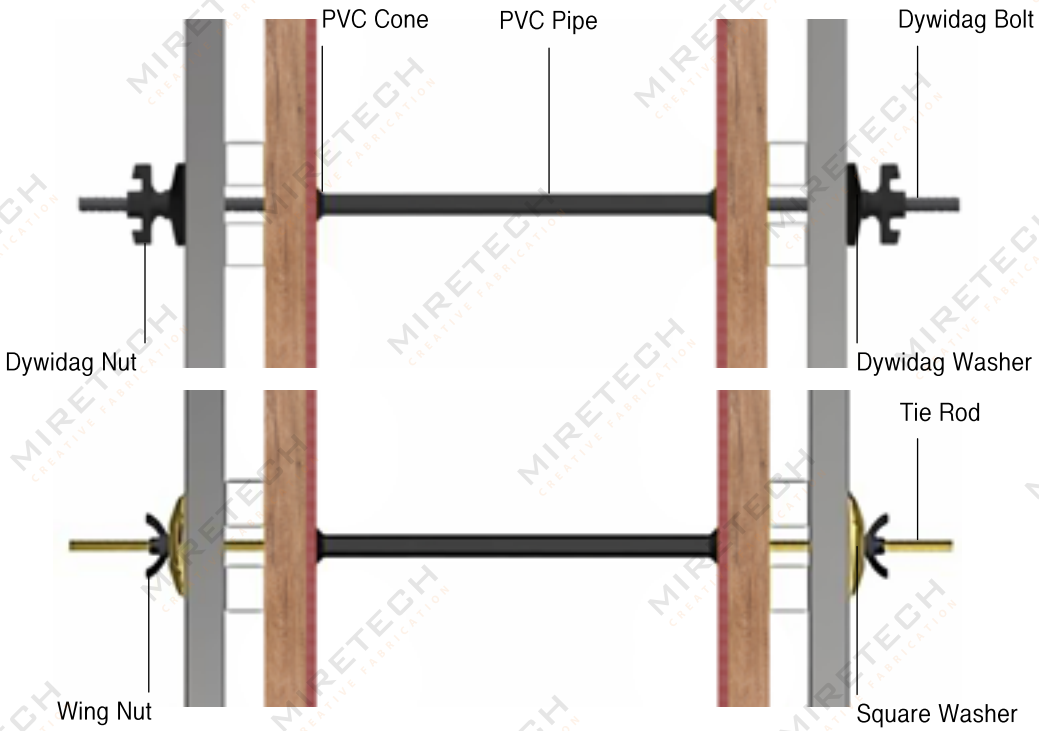


D Cone
디콘
Size ½" 12*40mm
5/8" 16*60mm



☞ 주문 제작/포장

Wood-Forming Part [Reusable Type / 전용]



Tie Rod
타이로드
Tensile Load / ½" 4,500kgf, 5/8" 7,000kgf



PVC Pipe
플라스틱 파이프



PVC Cone / Cap
플라스틱 콘 / 캡



☞ 주문 제작/포장

Contact Us



Form Accessories Factory

본사_대구광역시 북구 검단로 177-17
TEL. 053.380.3400 FAX. 053.383.2695

서울지사_서울특별시 강남구 밤고개로 1길 10 수서현대벤처빌 923호
TEL. 02.445.2636 FAX. 02.2226.3488

부산지사_부산광역시 해운대구 해운대로 785 까르띠움 321호
FAX. 051.701.7500

Formwork Factory

경북 문경시 신기동 1138
TEL. 054.550.7500 FAX. 054.550.7530



Aluforms Korea Co.,Ltd
서울특별시 송파구 잠실동 176-6 민들레 빌딩
TEL. 02.425.7257 FAX. 02.425.7258

Branch

India / Mexico / Malaysia / Thailand

www.miretech21.com