

MIRETECH creates technology that does not exist in the world

START OF MIRETECH

If anyone can do it, then we would not even start.

We would like to open a new era of formwork in Korea with the manufacturing and research technologies accumulated in the Form Tie System. Challenging what no one else can do is Miretech's spirit.

MIRETECH, ENGINE OF GROWTH

People ask what is Miretech's engine of growth. Most people assume the Miretech's innovative technology is the engine of growth. Miretech's constantly strives for and researches new innovative technology. But, that is not the key to growth. The reason Miretech exists today is because it is a 'trusted' name. Since Miretech's inception in 1999, we have spent that time in building that name. In order to convey what we do are human skills, we strive to constantly meet, communicate, and empathize. The 'trusted' name that we earned is the core competency of today's Miretech.

FROM INNOVATION TO CREATION

Miretech's way forward is to go beyond innovating what already exists and to create what does not exist. Korea is built utilizing Miretech's technology. Now, Miretech's technology is going global. We will achieve the future that we dreamt.



△ Busan Haeundae Marine City_ Applying MIRETECH Formwork / Form Tie System(2006~2016)

HISTORY OF PRODUCT



Mire Bar



Multi Bracket



Multi Bar

1999



AI-Flat Tie

2004



One-Touch Borad



AI-Round Long Pin



AI-Wedge Pin



AI-Round Pin

2005



AI-One Touch Tie



AI-Bracket



Fixed One Touch Bolt



Inno-Board



AI-Inno Tie



Fixed Anchor Bolt

2006



AI Turnbuckle Bracket

2008



Easy Board



AI-Reusable Tie/
Tie Sleeve



Mire-Washer

2009



Anchor Fixing Cap



Gang Form
Joint Pin Set



Gang Form Fixing Washer

AI-Flat Tie : Design Change

2010



Knar Anchor Bolt

2011



Kicker Nut



Kicker Bolt

2013



AI_form

2016

HISTORY OF COMPANY



1999

MIRETECH Co., Ltd founded



2003



The headquarter was relocated to new building.



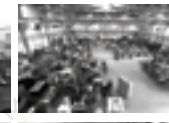
2008



Seoul Central Office opened



2009



Constructed 2nd factory
Bolt manufacturing line



2012



Constructed 3rd factory



2013



Rolling line, Constructed the 4th factory



2014



Constructed the 5th factory,
Former line



2015



Constructed the 2nd factory
Acquired Aluforms stake



2016



Constructed the 6th factory,
AI form manufacturing line



2018

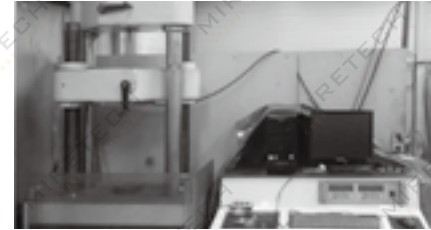


Seoul Central Office relocated to
Suseo

SAFE-TECH



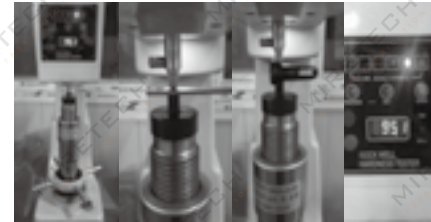
Tie



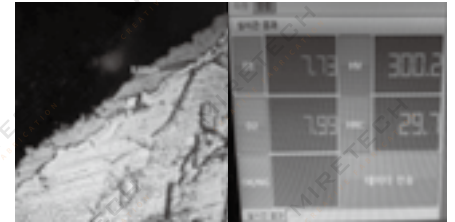
UNIVERSAL TESTING MACHINE



Pin



MICRO-VICKERS HARDNESS TESTER



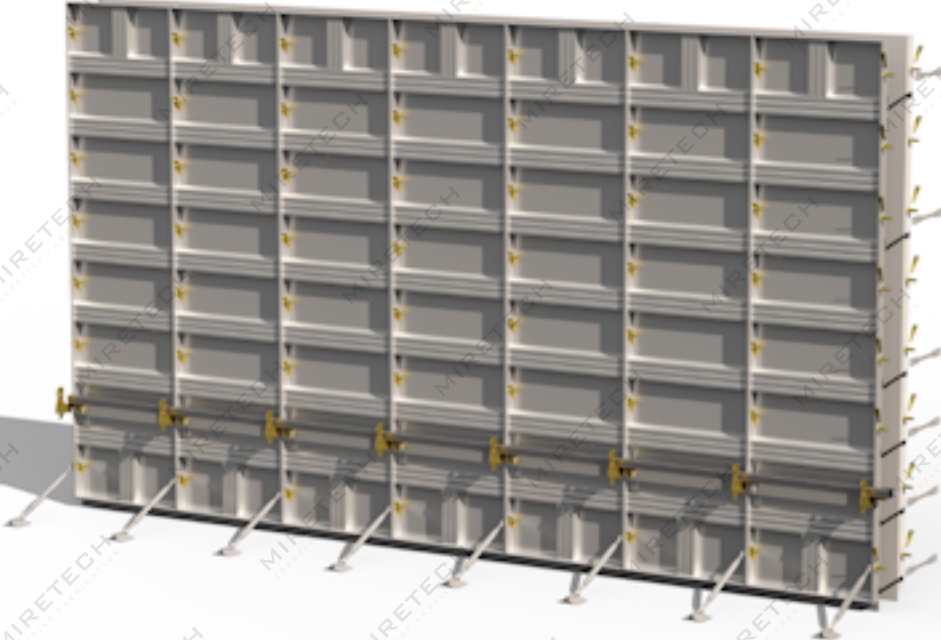
ROCKWELL HARDNESS TESTER



SALT SPRAY TESTING



AL-Forming Part



Tie [Embedded Type]

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



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



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



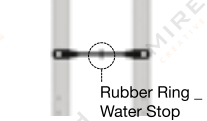
Rod Tie
Tensile Load / 2,800 kgf



Z- Tie
Tensile Load / 3,000 kgf



Break Back Tie
Tensile Load / 3,000 kgf



Tie [Reusable Type]

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



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



Tie Sleeve



Re-cone tie -Over 300 wall thickness
-Situation difficult to use reusable tie

Re-Cone Tie (Reusable Type)
Tensile Load / 3,800kgf



Re-Cone
Size : 1/2"



PVC Pipe
Size : 18 mm



Sepa Bolt
Tensile Load 1/2" 4500kgf



Pins & Wedges

Stub Pin



Standard Pin



AL-Filler Pin



Beam Pin



AL-Wedge



Straight Wedge



Curved Wedge



Euro Form Wedge



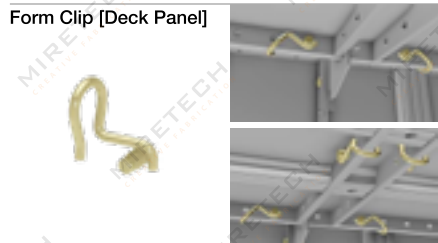
Clip

easy construction
pins and wedges loss prevention
noise prevention

Auto Pin
Slide type



Form Clip [Deck Panel]

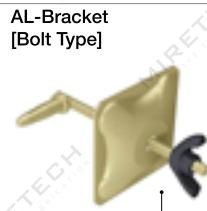


Waler Bracket

AL-Bracket
[Wedge type]



AL-Bracket
[Bolt Type]



Turnbuckle Bracket

AL-Turnbuckle Bracket



Conner Turnbuckle
Bracket



Wall Brace



TOOL



Tie Breaker Bar



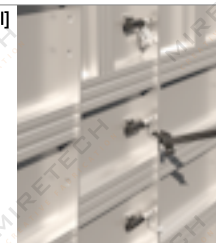
Ejector Bar



Form Puller



Stripper [Alignment Tool]



Tie Puller



Form Scraper



Kicker Anchor System



Kicker Anchor [Assembly]



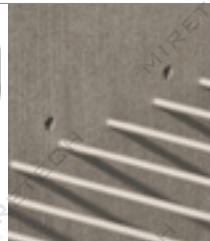
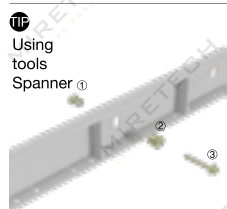
Kicker Nut



Kicker Bolt



TIP
Using
tools
Spanner ①

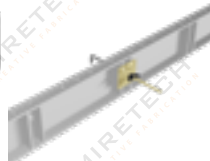
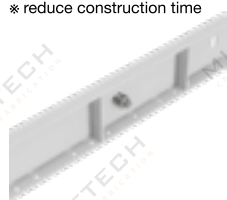


Compare kicker anchor form with traditional method

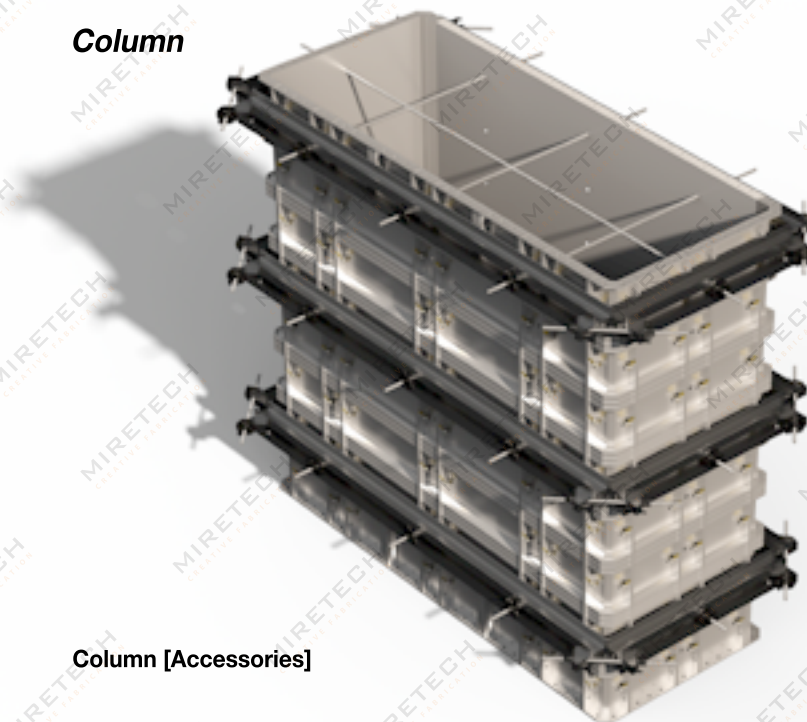
Kicker Anchor Form
construction method
reusable Anchor bolt

Traditional construction
method
embedded Anchor bolt

※ reduce materials and labor cost
※ reduce construction time



Column



Column [Accessories]

Dywidag Washer
Size 130°90°5T



Waler Band
customized



Dywidag Bolt
Tensile Load / 14,700kgf



Dywidag Nut
Size 17mm, 22mm



Flange Nut
Size 17mm, 22mm

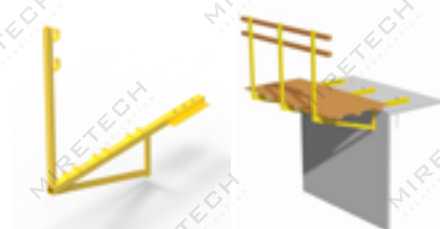


Scaffold Bracket

Wall Bracket



Slab Bracket



Bracket Fixing Bolt [Assembly]



Form Spacer [General Type]



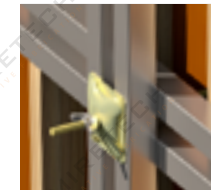
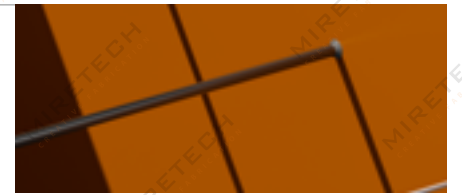
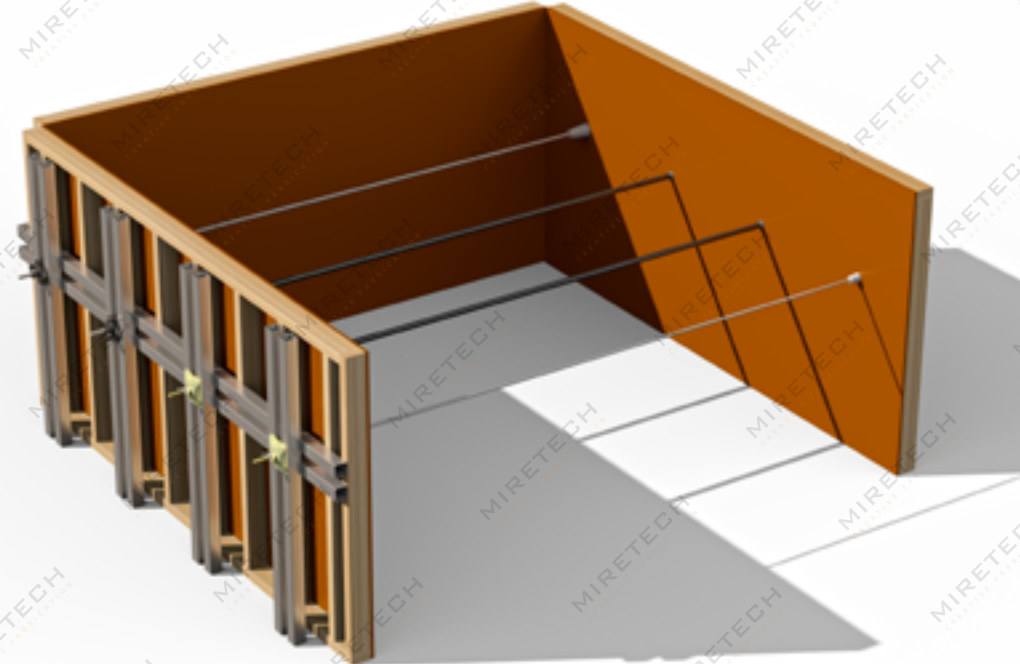
Form Spacer [L-Type]



Extension Bracket

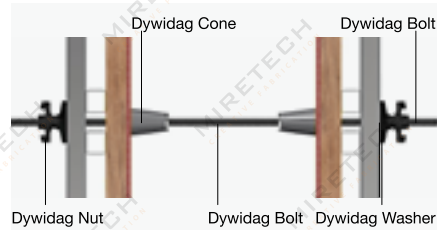


Wood-Forming Part



Dywidag Form Tie System [Embedded Type]

Component _one dywidag bolt, two dywidag cone, two dywidag nut and washer(or two flange nut)



Dywidag Bolt
Tensile Load 14700kgf
Size 17mm, 22mm



Flange Nut
Size 17mm, 22mm



Dywidag Nut
Size 17mm, 22mm



Dywidag Washer
Size 17mm, 22mm

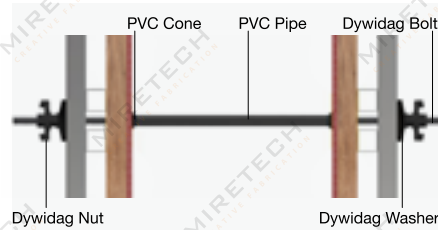


Dywidag Cone
Size 17mm, 22mm



[Reusable Type]

Component _a dywidag bolt, two dywidag nut and washer(or two flange nut, a PVC Pipe, two PVC Cone)



Dywidag Bolt
Tensile Load 14700kgf
Size 17mm, 22mm



Flange Nut
Size 17mm, 22mm



Dywidag Nut
Size 17mm, 22mm



Dywidag Washer
Size 17mm, 22mm



PVC Pipe
Size 18mm, 22mm

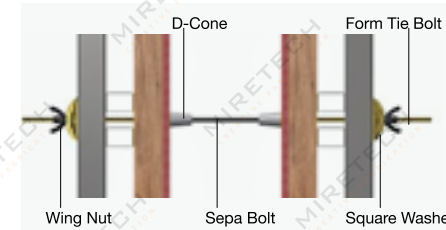


PVC Cone
Size 18mm, 22mm



Form Tie Bolt System [Embedded Type]

Component _one sepa bolt, two form tie bolts, tow D cons, two square washers, two wind nuts



Sepa Bolt
Tensile Load 1/2" 4,500kgf, 5/8" 7,000kgf



Form Tie Bolt
Tensile Load 1/2" 3,600kgf, 5/8" 7,000kgf



Square Washer
Size 1/2", 5/8"



Wing Nut
Size 1/2", 5/8"

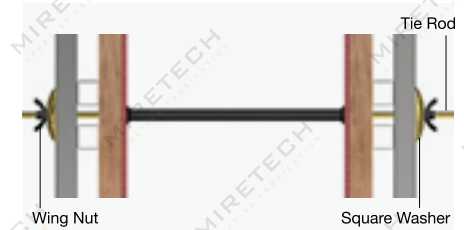


D Cone
Size 12"40mm, 16"60mm



[Reusable Type]

Component _one tie rod, two square washers, two wing nuts, one PVC pipe, tow PVC cones



Tie Rod
Tensile Load 1/2" 4,500kgf, 5/8" 7,000kgf



Square Washer
Size 1/2", 5/8"



Wing Nut
Size 1/2", 5/8"



PVC Pipe
Size 18mm, 22mm



PVC Cone
Size 18mm, 22mm



Project

DOMESTIC



BUSAN EL CITY



DAEGU KUMHO STAR HILL STAY



ASAN BAEBANG HANSUNGPII HOUSE



JECHEON DAEWOO MARINE & SHIPBUILDING



CHEONGJU GOSEONG DISTRICT GS
CONSTRUCTION XII



ASAN BULDANG PARK PRUGIO

OVERSEAS



PENGERANG - MALAYSIA



SAMUI YTL HOTELS - THAILAND



SUNTECK SIGNIA WATERFRONT - INDIA



BHARTHIYA CITY - INDIA



FOREST CITY - MALAYSIA



DSK(WATERFALL RESIDENCES - INDIA



BUKIT PELALI PENGERANG - MALAYSIA

