



Environment-friendly Paper Forms

eFree®

eFree form 이프리폼

eFree form

시공성  
경제성  
환경성

Free!

시공성  
경제성  
환경성

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이미아이(주)

www.efreeform.com

EPI

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# The Creative Idea, Realized by *eFree!*

Hyundai Construction, Daewoo Construction, GS Construction, POSCO Construction, Samsung C&T, Samsung Engineering, Doosan Construction, Doosan Heavy Industries, Hanwha Construction, Lotte Construction, Daelim Industrial, Hyundai Development, Kumho Industrial, Hanjin Heavy Industries, SSangyong Construction, Gyungnam Industrial, Dongboo Construction, Kolon Construction, Hyundai Amco, Gyeryong Construction, Halla Construction, Taeyoung Construction, Hanshin Engineering Construction, KCC Construction, Samsung Heavy Industries, Hanyang, Seohee Construction, Shinsege Construction, Hwasung Industries, STX Construction, Posco Engineering, Woomi Construction, Ultra Construction, Hoban Construction, CJ Construction, Ace Construction, Ilshin Construction, Sunwon Construction, Hyosyung, Dawoo Shipbuilding Maritime, Dongwon Systems, TEC Construction, Yangwoo Construction, Daesung Industries...

The above big construction companies are our customers who have already experienced our Paper Forms. You are invited to the world of Paper Form which tries new development of construction industry with application of new materials and technology after passing the severe verification at construction sites.



# Greetings



The past story of EPI was full of hot passion and constant efforts. Now, we have grown up as the largest and the best producer in the country, under the concern and support from customers, collaborators and many other people.

We will go head to produce the new values on the basis prepared by all the supporters of us.

We will strengthen emotional capacity to catch the invisible due to natural familiarity with the existing complication and troublesomeness. Only EPI's Conversion Flow developing the creative values will be more expanded over pleasure and convenience. In addition to our creative and practical ability verified with Paper form, we will do our utmost effort to set up firm Triple Win System where all of Users, Developers and Investors can win.

The instinctive will of 'Lest try', the passionate Self-confidence of 'We could do it' and the endless challenge of 'Now, we've got it' are our basic properties which is not afraid of any difficulties in presenting the innovative new works to the world.

Please give us your worm-hearted encouragement and continuous support.

Thank you.

**Joe, Jeong-hoon**  
CEO of EPI Limited

# Profile of EPI

- **Company Name** ..... EPI Limited
- **Establishment** ..... Jan. 4, 2005
- **Capital stock** ..... Two billion Won (2,000,000 Won)
- **Head Office/Factory** ..... 102, Yongji-ro, Yongji-myeon, Gimje-city, Jeollabuk-do, Korea
- **Seoul Office** ..... #908, 90, Beobwon-ro, Songpa-gu, Seoul, Korea
- **CEO** ..... Joe, Jeong-hoon
- **Business registration No.** ..... 403-81-38266
- **Venture business Certificate** ..... 20080104118
- **Green Technology Certificate** ..... GT-11-00242
- **GR Certificate** ..... 2011-031
- **Performance Certificate** ..... 24-104
- **Performance Certificate** ..... AG-111081
- **Technology-Innovation Business** ... 9101-0426
- **Patents** ..... Manufacturing device & method of Paper Sleeve  
Form and the Paper Sleeve, Form manufactured thereby  
Easy-installed and Waterproof-strengthened Paper Sleeve
- **Major Products** ..... Environment-friendly Paper Forms and Paper Sleeves
- **Brand** ..... eFree, eFree Form (registered trademarks)  
eFree Plus, eFree econo, eFree sleeve
- **Prize awards** ..... 2012 Prize of Minister of Knowledge Economy, for New Technology  
Commercialization Promotion Conference  
2011 Prize of Director of Small and Medium Business Administration  
at 'Venture Foundation Grand Conference'  
2011 Grand prize of Advertizement from 'Construction Economy Daily'  
2010 Aquisition of Excellent Performance Certification  
2010 Prize of Minister of Land & Maritime Affairs  
at Competition for Construction Environmental Management  
2010 Nominated as an item for 'Project of market-linked technology  
development', organized by Ministry of Knowledge Economy  
2009 Selected as the best product of construction materials by  
Construction Economy Daily  
2009 Selected as a project of innovative technology development  
for production Environment  
2008 Prize award at the contest for new materials invited by  
Hyundai Construction  
2006 Selected as a 'Developing Project for technology innovation'  
organized by Small and Medium Business Administration
- **Research Center** ..... Established eFree R&BD Center in September, 2010
- **Technical collaboration** ..... Dongyang Structural Safety Technology, Limited
- **Official Web site** ..... www.efreeform.com



# History

## 2012's

- 2012. 1 Patent registration of Paper Form Method for connecting part
- 2012. 4 Patent registration of Hybrid Paper Form
- 2012. 5 Succeeded installation of Paper form for ultra-sized bridge column , first in the world
- 2012. 6 Participated in Korea R&D Exhibition for Industrial Technology
- 2012. 8 Patent registration of Single-layer Hybrid Paper form
- 2012. 11 Prize award of 'Minster of Knowledge Economy' at Grand competition for workable new Technology



## 2011's

- 2011. 1 Work collaboration agreement (Tongil Architecture and Dongyang Structure)
- 2011. 4 Succeeded in developing of world's biggest Paper form of 2200mm
- 2011. 7 Aquisition of GR certificate for environment-friendly Paper forms (Ministry of Knowledge Economy)
- 2011. 9 Aquisition of ISO9001
- 2011. 10 Prize of Director of 'Small and Medium Business Administration'
- 2011. 11 Designated as a Military service exempted business (Office of Military Manpower Administration)
- 2011. 11 Aquisition of Green Technology Certification (Ministry of Land & Maritime Affairs)



## 2010's

- 2010. 5 Nominated as an item for 'Project of market-linked technology development'
- 2010. 11 Prize from Minister of Land & Maritime Affairs at Competition for Construction Environmental Management
- 2010. 11 Aquisition of Excellent Performance Certification
- 2010. 11 Authorization of Establishment of Research Center
- 2010. 11 Patent registration of Semicircle type Paper form



## 2009's

- 2009. 2 Certification of INNOBIZ
- 2009. 6 Selected as a Project for developing Green Environmental technology
- 2009. 7 Patent registration of Paper form
- 2009. 9 Applied International patent (PCT) for semicircle type Paper form
- 2009. 12 Selected as the best product of construction materials by Construction Economy Daily





# eFree, Realizing Dreams with Challenging Imagination.

## 2008's

- 2008. 2 Prize award from Competition of New technology Development, by Hyundai Construction
- 2008. 3 Technical training for Seonam College
- 2008. 6 Completion of new construction of 2nd Factory
- 2008. 7 Certification of Venture business by Korea Technology Finance corp.



## 2007's

- 2007. 1 Increased Capital 1.2 billion Won
- 2007. 5 Agreement for Work Collaboration with Dongyang Structure Safety Technology
- 2007. 7 Technical Training for Junbuk College
- 2007. 8 Patent application : Manufacture of Form for Architecture
- 2007. 9 Marketing of forms for Architecture
- 2007.10 Increased Capital 2.0 billion Won



## 2006's

- 2006. 3 Developed automatic grinder for paper sleeves
- 2006. 4 Procured 2 units of paper sleeve manufacturing equipment
- 2006. 5 Increased Capital 1.0 billion Won
- 2006. 7 Trademark registration eFree
- 2006.12 Selected as a project for technology innovation

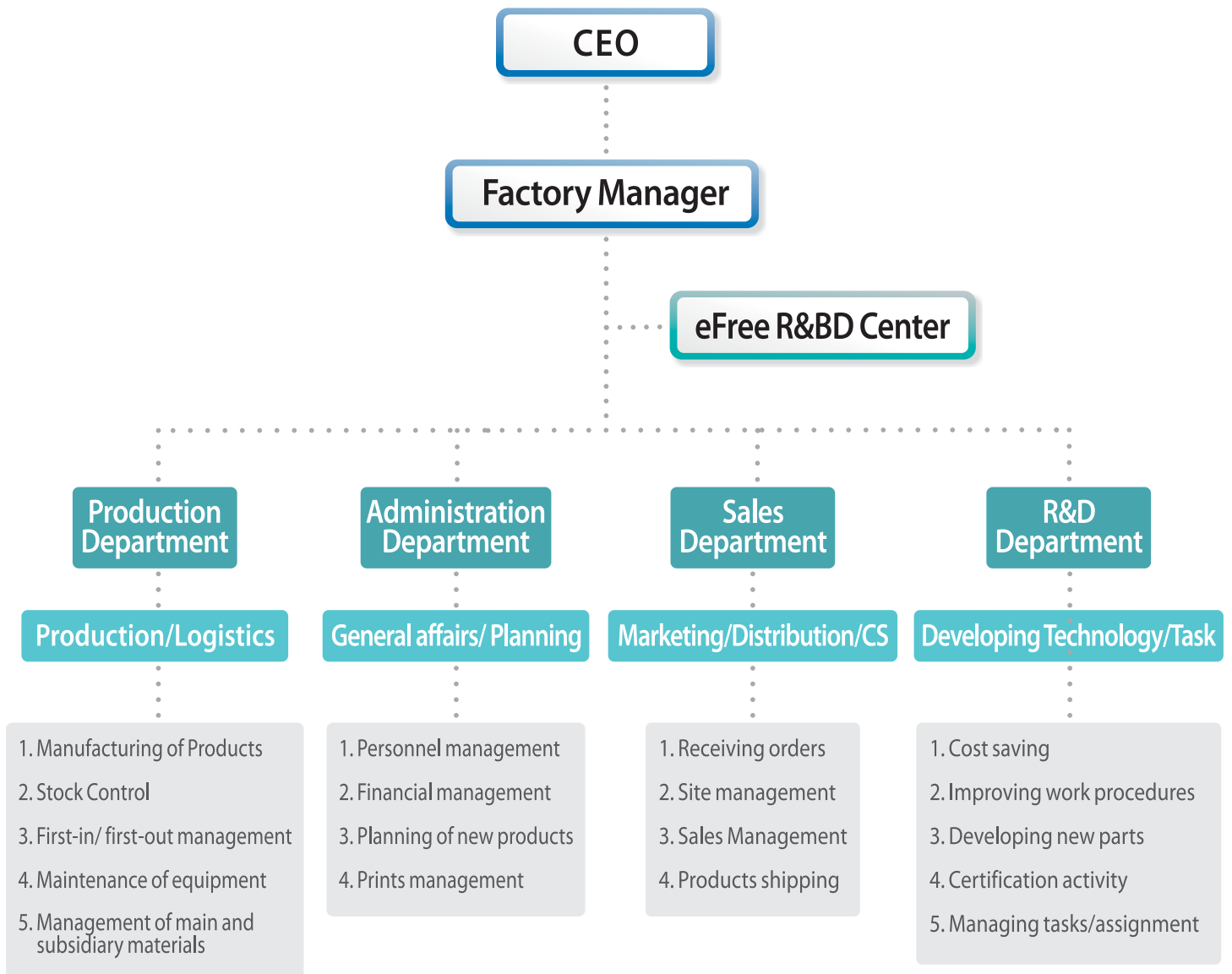


## 2005's

- 2005. 1 Founded EPI Limited (Capital: two hundred million Won)
- 2005. 3 Patent application; pipe heat-insulation material applying paper sleeve
- 2005. 5 Certification of New technology Venture business
- 2005. 7 Completion of Gimjae Factory and capital increase : six hundred billion Won
- 2005.10 Opening of Laboratory of Gimjae Factory



# Organization





# R&BD Center



**Our R&BD Center is** a dream world of Research & Development, where EPI's unique DNA of development can be fully displayed to realize the creative imagination. It aims at R&BD, not R&D just for eFree.



Practical Development with direct touch and real experience, not the imagination just in the brain, **is our strong point and our particular DNA of development.**

Practical Development with direct touch and real experience, not the imagination just in the brain, is our strong point and our particular DNA of development.

For our aim, we have established an independent institute which has been authorized by the Government.

It shows the dignified appearance with capacity to perform the big tasks of policy under the support by manpower and equipment as well as existing references.



# Environment-friendly Paper form, *eFree*

The eFree form made of environment-friendly material of paper & the eFree plus having more merits are the products of advanced-country type. which are provided with all of workability, economical efficiency and environmental condition.





eFree  
Product

# eFree form<sup>®</sup>



*eFree form<sup>®</sup>,  
the environment-friendly Paper form,  
is disposable and will realize easy and safe  
installation of quality.*



## Service

- Round columns of underground parking lot
- Round columns of residential & commercial Building
- Round columns of entrance and lobby in buildings
- Round columns of metro station
- Round columns for interior
- Round columns for bridges

## Material comparison

Division	eFree form <sup>®</sup>	Steel material
Constructability	◎	○
Workability	◎	×
Finish ability	◎	○
Economic efficiency	◎	×
Eco-friendly	◎	○

◎ Very good   ○ Good   △ Usual   × Bad

## Suggestions during installation

### • Treatment & storage

- Do not expose to moisture like rain and snow.
- Loading vertically is best way for maintaining the original round shape.
- At the time of loading vertically, cover with waterproof sheet to protect inner surface of the form.
- When you have to load it horizontally, prepare the whole-length supporting plate and load 20~30cm high from the ground
- Avoid external shocks such as dropping the forms.



### • Supports

- It can be erected manually by use of some supports, devices or cranes.
- Be careful for the inner surface not to be touched with reinforcing rods.
- You may cast at once or by continued group.
- Install supports to prevent the direct load to form.



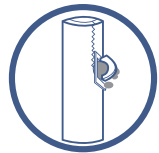
### • Installation

- Minimum quantity of supports are used compared with normal forms.
- Use light timber or scaffolds. when required, protect lower part of forms safely.
- You can work together with other forms or structural members.
- Be careful of connecting beam form and column form.
- In case of site fabrication, finish with waterproof tape at the cutting parts.



### • Concrete casting

- When applying the form oil to the inner face of form, confirm the designated product for Paper forms.
- Prevent inner surface of form from touch with Vibration compacting during concrete casting.



### • Dismantling

- It can be easily dismantled with knives or power saws.
- If not dismantled within maximum 5 days, the dismantling would be difficult.
- In 24~48 hours after casting, you can dismantle it easiest and fastest.

## Production specifications

Inner diameter(mm)	External diameter(mm)	Thickness(mm)	Required strength(mm)
250	258	4	
300	310	5	
350	360	5	
400	414	7	
450	464	7	
500	516	8	
550	566	8	
600	618	9	3,000
650	668	9	4,000
700	720	10	5,000
750	770	10	6,000
800	821	10.5	7,000
850	871	10.5	8,000
900	921	10.5	9,000
950	971	10.5	
1000	1022	11	
1050	1072	11	
1100	1122	11	
1200	1222	11	
1300	1322	11	
1400	1422		
1500	1522		
1600	1622		
1800	1822		
2000	2022		
2200	2222		
		11 (High-strength)	3,000

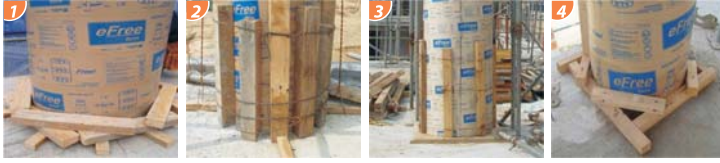
- Special sizes other than the above are also available upon orders.
- Processing by length is available in case of large-quantity order.

# Installation cases



# How to install

## Installation case of Lower part fix



**"Choose among 4 cases in the figure."**

- When column length is more than 4 m or the lateral pressure at lower part is higher than expected, No.2 or No.3 is recommended! If square timbers are added, you can work more safely.
- When the ground level is very low or water collecting inside forms is anticipated, No.3 or No.4 is recommended! It's an installation way putting height gap from ground level or considering drainage.

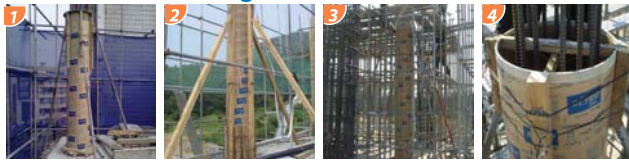
## Installation case of upper part



**"It's the way to place beam over the forms."**

1. Fixing squared timbers to column
2. Installing flange (round type)
3. Installing flange (square type)
4. Supporting of lower part of beam-placing with the supports for casting can stand the load of column form.

## Vertical Positioning



**Supporting of half upper part with supports will do.**

1. Supporting the supports at the sill of squared timber (for beam placing of single column)
2. Direct supporting with reinforcing material (reinforcing of lower part for long length column)
3. Fixing of form with turnbuckles or others to prevent moving by lifting power in case of single column
4. Details of upper part of single column (supports and fixing manner)

## Casting

**Do vibrator work inside hoop.**

Watch 4/5 point from the bottom where the most lateral pressure occurs. Sufficient removal of bubbles by vibration will make smartly finished surface.

## Dismantling



**Dismantling in 24~48 hours is the most convenient.**

By use of depth-adjustable device (circular saw, etc), you can dismantle without scars.

## Photo of Beam-connecting Installation



**In case the installation work to connect directly to column, without putting beam over the form, is necessary, you can make easily the required shape of form utilizing the easy-cutting property of paper form.**

1. After cutting of the connecting part to the drawing, apply tape to cut section
2. Reinforce the cut part with squared timber to stand lateral pressure.
3. Cut in circular shape column-connected part of beam form.
4. Connect without separation from column
5. Smart connecting column will appear upon dismantling after concrete casting.

In case of cutting of forms removed from round shape, excessive lateral pressure may be forced to the cut part or the part may be weak in waterproofness. Taking care of taping work and reinforcing with timber, will lead to perfect form for beam connected column.

## Installation of Connecting Casting



**"It's the way to install the form for 10 m-column at once."**

You can install the form for long column at once by using the Connecting Socket of eFree form. Method: Surrounding the connected part with provided socket, and steel banding with timber support will do! Good news! Sockets for connecting casting are provided free.

## Wall connecting installation



**In case of round column connected with wall**

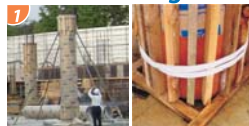
1. Position the form to the design with ink line and cut with circular saw.
2. Finish the cut end with tape.
3. Reinforce the cut form with square timber or other form to stand lateral pressure.
4. To prevent moving of the form during casting, fix the form with nails between inner side and external supports.

## Sloping column Installation



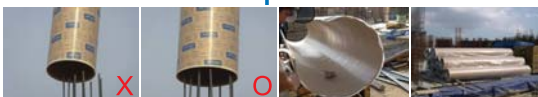
**'With reinforcing of square timbers, the installation of sloping column is available.'**

## How to manage in this case



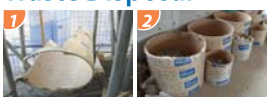
1. When heavy rain is forecast just upon installation, do reinforcing work without removing the vinyl cover.
  - In case of getting wet with water, cover with the remaining materials from dismantling and reinforce with square timbers.
  - In case of water collecting inside the form, make a drainage at bottom part and repair the drainage area after draining off.

## You must watch this points!



- Tape finishing on the cut part during site cutting
- Attention to shocks to Lower part during installation of form
- Avoid scratches on inner surface by reinforcing rods during inserting the form.
- Do not stack forms in more than 3 layers when keeping in storage.
- Prevent water collecting inside the form

## Waste Disposal



1. **Just collecting will make money!** Waste paper collectors near site will pay for the remaining material which is for recycling. It is environment-friendly material requiring no cost for disposal and rather encouraging site workers.
2. **Use it as expendable boxes!** You can use it nicely at site. Collect and keep the small expendables like wedge pins or bolts scattered here and there at site in the boxes made of this waste form material.

# eFree Plus<sup>®</sup>



*eFree Plus<sup>®</sup>,  
the Paper form diversion of  
which is available,*

saves work cost and reduces work period in innovative manner.

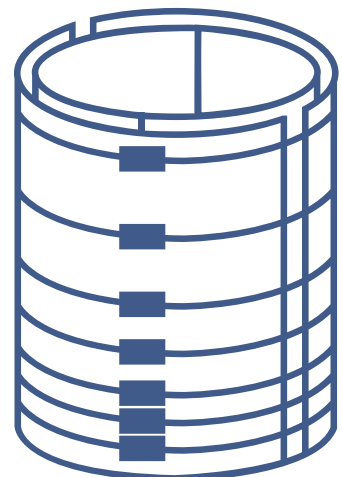


## Composition

- Same size half-circle 4 pieces = 1 set (inner circle one couple, outer circle one couple)

## Service

- Round Column of reinforced concrete
- Round Column of metro station
- Round Column using simultaneous casting of top-down method
- Round Column of Bridge
- Half-circle Column for interior
- Form to make water collecting well





# Special attention during installation

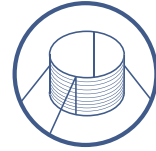
## • Storage

- Keep stacked in dried place.
- Put on the supporting panel 25cm above the ground.
- Prevent from moisture and rain.
- Be careful not to cause scars on the inner coating.
- Avoid dropping or external shock.



## • Installation

- In case of positioning inner half-circle in the direction of south-north, position outer half-circle in the direction of east-west.
- Fix forms with designated product at the intervals indicated in installation specifications.
- Install in the same direction as the mark indicating the upper/lower side



## • Concrete Casting

- Prevent inner surface from being touched during vibrator compacting.
- Do not cast for damaged or wet forms.
- Avoid vibration in excess of installation standard.



## • Dismantling

- Just after concrete is hardened, dismantling is available.
- Dismantle by widening the gap between sides vertically.
- When some device is used for dismantling, be careful not to damage the surface.
- If there is no damage on surface of both sides and coating is maintained after dismantling, re-use is available. In case of re-use, the exchange between inner form and outer form will be more economical.



※ Thanks for your use of eFree Plus®, the paper form which is convenient to install and economical.

## Production Sizes

Inner diameter(mm)	External diameter(mm)	Thickness(mm)	Required strength(mm)
600	618	9	3,000 4,000 5,000 6,000 7,000 8,000 9,000
650	668	9	
700	720	10	
750	770	10	
800	821	10,5	
850	871	10,5	
900	921	10,5	
950	971	10,5	
1000	1022	11	
1050	1077	11	
1100	1122	11	
1200	1222	11	
1300	1322	11	
1400	1422	11 (High-strength)	
1500	1522		
1600	1622		
1800	1822		
2000	2022		
2200	2222		

- Special sizes other than the above are also available upon orders.
- Processing by length is available in case of large-quantity order.

# Cases of applied installation



# Installing method

## Positioning and in-site moving



## Erecting of forms



- Position inner half-circle in direction of south-north.
- Position outer half-circle in direction of east-west.

## Positioning of lower part



Use of designated steel angle or use of squared timber at the girth of tin band.

## Fix of band



Fix with exclusive band to the specified distance.

## Vertical positioning



- By installing the exclusive steel angle upside down at 1/3 point from the top, a sill to place supports is formed. With support being placed at the point, easy vertical positioning is available.

## Cutting



**eFree Plus is supplied after cutting to suit to site conditions. But, in case some variations occurs at site you can cut it as below.**

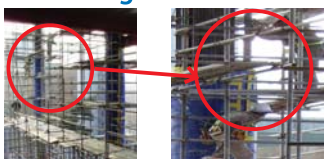
1. Mark the part to cut with ink-line or magic pen.
2. Cut along marked line with round saw or grinder.
3. Apply exclusive tape to cut section for reinforcing.

## Beam connecting



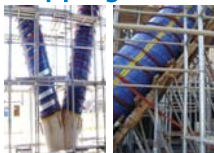
Fix up-to the bottom with tin band. For beam connecting part, fix by using square timber or by light welding of wire end to reinforcing rod. Also, you can cut as the shape of reinforcing rod by utilizing the most of Paper form's property of easy-cutting.

## Ultra-length column



- In case of 18m long column, you can use 6m form three times by lifting of the form.
- After first casting for lower 6m, you can lift the form by connecting it to upper beam or support with a pulley to do continuous casting. For connecting to pulley, you make holes of the form or fix with square timber to tie it with wire. when you make holes, select safe area considering load of form and reinforce the hole with taping for better waterproofness and safety.
- For lower-part support, make a timber sill on the outer part of cured concrete column.

## Sloping column



- For sloping column, fix with steel angles not with tin bands.
- When casting, use external vibration, not vibrator.
- In case of steep slope, reinforce the side part with supports.

## Dismantling



- Remove bolts and nuts of installed tin band using a tool.
- Widen lightly the end part with some tool and dismantle with hands.
- When condition of inner/external surface has no problem, re-use is available.

## Storage



- To avoid contact with ground, place on square timbers with the swollen part upside. Recommend coverage with some sheets to prevent possible damages by other materials moving at site.

## Tips

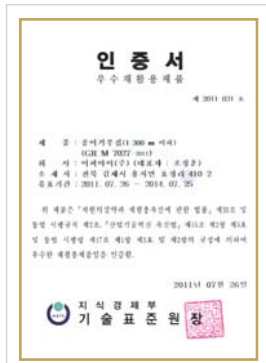


1. Use textile band to fix inner form! there is a textile band for fixing cargo used for cargo trucks. It has properties of easy pulling and easy adjusting of distances.
2. Taping the tightened parts of inner form provides a small but very convenient function for precise positioning. You can apply this easy-procured cotton tapes at constant distance to the site conditions to position in exact circular shape.
3. Spreading of tin plate on the ground will be helpful to re-use of the forms. Prevention of damages on the cut parts concerns directly the number of times for re-use. Particularly on the coarse concrete floor, the cut parts may be damaged during being shaken to be positioned. Therefore, the protection measure like spreading of thin tin plate will lead to more economical installation.

# Certification / Business certification / Prize awards



▶ Green Technology Certificate  
(Ministry of Land & Maritime Affairs)



▶ GR Certificate  
(Ministry of Knowledge Economy)



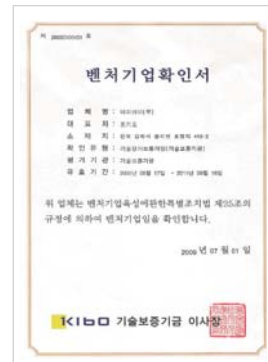
▶ Performance Certificate  
(Small Business Administration)



▶ Registration of Business



▶ Registration of Factory



▶ Certificate of Venture Business



▶ Certificate of INNOBIZ



▶ Certificate of Research  
institute attached to company



▶ ISO Certification



▶ Prize of Minister of Knowledge Economy  
(2012 Grand Competition for New  
Technology Application)



▶ Prize of Minister of SBA  
(Grand Exhibition of Venture Foundation)



▶ Grand prize of Advertisement for  
Construction Economy  
(2011 Construction Economy Daily)

# Intellectual Property Right



▶ Patent 1



▶ Patent 2



▶ Patent 3



▶ Patent 4



▶ Patent 5



▶ Patent 6



▶ Patent 7



▶ Patent 8



▶ Trademark 1



▶ Trademark 2



▶ Trademark 3



▶ Trademark 4

Right	Application date	Application No.	Name	Registration date	Registration No.	Present status
Patent	20061020	10-2006-0102414	Manufacturing device & method of Paper Sleeve/ Form and the Paper Sleeve/Form manufactured thereby	20090616	10-0904198	Registration
Patent	20080912	10-2008-0090203	Paper form composed of half-circular sleeves	20101122	10-0996832	Registration
Patent	20090916	10-2009-0087485	Hybrid form made of single-layered half-circular sleeves and formation method of round-shape structure thereby	20120629	10-1163026	Registration
Patent	20120106	10-2011-0015564	Paper form for connecting part & Installation method for connecting part of SRC structure thereof	20120106	10-1105836	Registration
Patent	20100603	10-2010-0052322	Hybrid paper form	20120426	10-1142436	Registration
Patent	20101026	10-2010-0104681	Easy-installing and waterproof-strengthened Paper form	201111017	10-1075982	Registration
Patent	20120403	10-2012-0015831	Paper plywood & Manufacturing method thereof	20120814	10-1175530	Registration
Patent	20120216	10-2012-0072901	Paper form	20120524	10-1151344	Registration
Trademark	20050217	45-2005-0001002	eFree	20060727	45-0016911	Registration
Trademark of Service	20080402	45-2008-0001460	이프리	20090311	45-0026762	Registration
Trademark of Service	20070928	40-2007-0050403	eFree	20080729	40-0755124	Registration
Trademark	20070928	40-2007-0050404	eFree	20080908	40-0760216	Registration

# References



## Public Institution

- Sejong-city Government Building 1-2 sector (Posco Construction)
- Sejong-city Government Building 2-1 sector (GS Construction)
- Sejong-city National Library (Daelim Industrial), Yongsan Administration Town
- Sungnam-city City Hall (Hyundai Construction)
- Wanju-gun Administration Town (Kolon Construction)
- Gyungnam Provincial Office (Kolon Construction)
- Chungnam Provincial Office (Gyeryong Construction)
- Wanju Innovative city local administration Training Center, Dongboo Construction
- Ilsan digital broadcasting Center (Daewoo Construction)
- Yongsan Hangeul Museum (Ssangyong Construction)
- National Modern Art Museum (GS Construction)
- Songdo Polar region Research Center (Samsung C&T)



## Housing facilities

Gwanggyo e-Pyeonhansang Apt.(Daelim Industrial)  
 Yongsan e-Pyeonhansang Apt (Daelim Industrial)  
 Bulkwang-dong Hyundai Hillstate Apt.(Hyundai Construction)  
 Heukseok 4 district Dawoo Prugio Apt. (Dawoo Construction)  
 Chungra Hoban Vertium Apt.(Hoban Construction)  
 Youngjongdo Hanravivaldi (Halla Construction)  
 Ulsan Woojung IPark (Hyundai Development), Seogyo Art-Xi (GS Construction)  
 Asan Pentaport (SK Construction), Songdo POSCO Expo Apt. (POSCO Construction)  
 Byulnae Jigu Hawha Kumegeurin Apt.(Hanhwa Construction)  
 Goyang Samsung Rishivill Apt. (Gyeryong Construction)  
 Gyeong Centrevill Apt. (Dongboo Construction), Pangyo Apeldaum (SK Construction)  
 Doan IPARK (Hyundai Development), Sangdo Emko Town (Hyundai Amco)  
 Gwanggyo Edutown (GS Construction), Incheon Lotte Castle (Lotte Construction)  
 Asan Tangjung Trapalace (Samsung C&T) and others

# References



## Office Buildings

- Jamsil Hyanggun Tower (Daelim Industries)
- Pagoda tower (Hyundai Development)
- IFC International Finance Center (GS Construction)
- Pangyo Bio Center (Hanhwa Construction)
- Gangnam N Tower (SK Construction)
- Pangyo Silicon Park Research Center (Seohee Construction)
- G-plus Kolon digital Tower (Kolon Construction)
- Samsung Engineering Company Building (Samsung Engineering)
- POSCO ICT Data Center (POSCO A&C)
- Sangam-dong Dragonfly company Building (Hyundai Construction)
- Pangyo Techno Semichem Building (KCC Construction)
- Seorin-dong Global Cluster (STX Construction) and others





## Schools/Hospitals

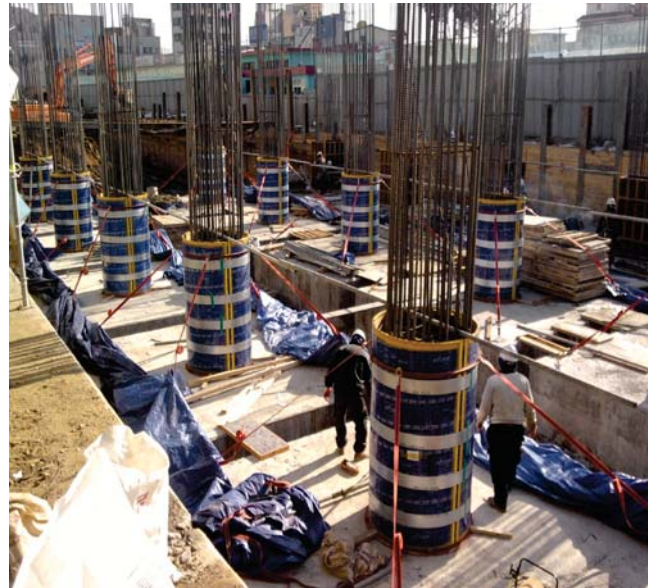
- Sogang University Graduate School of Business I (Daewoo Construction)
- Hana High School (Hyundai Development)
- Cheongju University Economics & Business College (Gumho Construction)
- Dongguk University Industry-Academy Collaboration Center (Dongboo Construction)
- Jeonnam University Hospital (Woomi Construction), Ansan Banseok Middle School (Hyundai Amco)
- Soongsil University Living Hall (Seohee Construction)
- Army Integrated Administration School (Hyundai Construction)
- Ulsan University Hospital Cancer Center (Hyundai Development)
- Seoul Medical Center (Ssangyong Construction), Korea University Residence Hall (CJ Development)
- Yonsei University Songdo Global Campus (Hyundai Construction)
- Cheongra Foreigner School (POSCO Construction), Ansan Banseok Middle School (KCC Construction), Nam Seoul University Ellim Hall (Jeil Construction)
- Ilsan Dongguk University Korean Medicine Hospital (Seohee construction)
- Chooncheon Girls High School Moving work (Gyungnam Industry)
- Korea National Open University Main Office West Building (Gyeryong Construction)

# References



## Religion facilities

Grace and Truth Church, Korea SGI Guro Main building  
Jingak Buddhist Order Main Building, Hwagok-dong Church,  
Gangdong Myungsung Church, Daejon The Gate of Heaven Church  
Busan Baekyangro Church, Eunpyung Dongsan Church, Changwon Sanho Church  
Bulgwang Sermon Hall, Jangheung Church, Gimpo Donghaeng Church  
Chongju Geumcheon Church, Sarang Community Church, Gumho Jeil Church  
Ulsan Daeyung Church and others



## Civil works (stations, bridges, roads, plants)

Seoul Station Building of Incheon Airport Railway (Hyundai Construction)

Gajwa Station of Gyeonggi Railway (Ssangyong Construction)

Train Depot of Gyeongchun Railway (Samsung Engineering)

Gaehwa Station Transfer Center (Hyundai Amco)

Enlargement of Factory Taepyeongyang Jeyak (POSCO Engineering)

Linde Korea Giheung Plant (Taemin Construction)

Ulsan Gori Nuclear Power Plant No.3 and No.4 (Hyundai Construction)

Yongsan Sanmak Industrial Complex Road Viaducts (Taeyung Construction)

Choongju-Eumseong Expressway (Dongboo Construction)

Toegewon Station Building (Gyungnam Industry)

Chongryangri Private-capital Station (Lotte Construction)

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