



Creating Eco-Friendly Living Space





Features of BACE Panel



Non-combustibility Excellent Inflammability to prevent fire propagation



Durability

High durability and antidissolution property with good strength



Light weight

40-60 kg per m2 for saving structure costs.



Safety

Steam cured under high pressure to prevent shrinkage, expansion or distortion after installation



Seismic capability

Ideal design and installation for seismic analysis to protect properties and lives from earthquake



Design

Diverse design of panel surfaces suitable for various shapes of buildings



Finishing

Smooth and elegant finishing

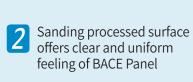


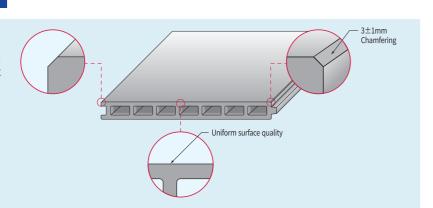
Eco-friendliness

Asbestos-free for natural environment and human beings

Features of BACE Panel

Corner chamfering provides better finishing for aesthetic design





Properties of BACE panel

Item	Inspection item	Unit	Requirements	Remarks	
Weight	Specific gravity	g/cm³	2.0 or lower	KS F 4735	
Dhysical canability	Flexural strength	N/mm ²	14.0 or higher	KS F 4735	
Physical capability	Freezing/thawing resistance	_	No change of apparent shape and middle peeling	KS F 4735	
Daniel Complete	Absorption rate	%	18 or lower	KS F 4735	
Properties for water	Length change by water absorption	%	0.12 or lower	KS F 4735	
	Sound insulation	Rw	24 or higher	KS F 4735	
Acoustic isolation	Max. displacement	mm	Elastic displacement: 50 or lower, permanent residual displacement: LA/500 or lower	KS F 4735	
	Load resistance grade	kPa	No. 1 (1970 mm) : 3.4 or higher, No. 2 (3970) : 2.8 - 3.4	KS F 4735	
	Shock resistance	_	- No penetration		

Certificates of BACE Panel



Seismic Performance Certificate



KS Certificate for product



Healthy Building Material Certificate

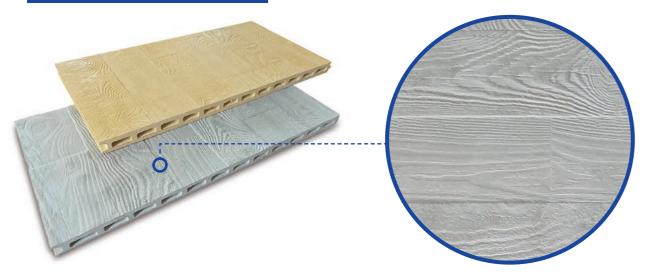
제 C-2014-1-002 호 환경성적표지 인증서 - 판소발자국인증 1. 상 호 : (주)배산 2. 사업자등록번호 : 203-81-43780 3. 소 제 지 : 사용투별시 중구 되게로 307(공화동1가) 4. 공장소 제 지 : 송청봉도 용성군 대소면 초급포71번집 144 5. 대표자성 명 : 건 성적 6. 대 상 제 종 : 콘크리트 제년 7. 제 종 명 : 일반행 베이스패널 (BN-5060) 8. 인 중 기 간 : 2020년 2월 25일 - 2023년 2월 25일 9. 인 중 내 용 : 판소발자국 332 kg CO, eq./m² 「환경기술 및 환경산업 지원병」,제20조제3항 및 감은 법 시행규칙 제40조제3항에 따라 위와 값이 환경성제표지를 인증합니다. 2020년 4월 13일 한국환경산업기술원

Certificate of Environment Product Declaration

* Certifications may vary by each product. Please consult with the sales staff.

Pine board patterned BACE Panel

Pine board patterned BACE Panel



- Convenient, cost-effective and safe dry installation compared to conventional complicated exposed concrete wet construction.
- Pine board patterned BACE Panel is a new product applied with high end compression technique of Byucksan, and renders natural pine board patterns.



Chasifications	Sectional view	Standard width	Max.	Weight		Application
Specifications		(mm) (Inc. masonry joint)	length	kg/m	kg/m ²	Application
Pine board pattern (30T)	592 200000000000000000000000000000000000	600	2,400	24.6	41	Exterior/ interior



Gunsan Napo Elementary School

Iksan Sinheung Elementary School

Types of BACE Panel Flat Type Rib Type Corner Type Stripe Type 1000000000 **Exposed Concrete Type** Α Cone configuration and size : Ø30 / Ø40mm | Depth : 3mm Up to max. length for 35T and 50T available. Cone interval and number are adjustable (upon request) Clip Type (Non-welding) Pine board pattern • Minimize risk of fire from welding Fast installation with clips Color panel BLACK

* The colors above may be different from actual colors.

4 | Byucksan System

Standard Size of BACE Panel

Standard Dimension of BACE Panel

Specifications	Sectional view	Standard width	Max. length (mm)		ight	Application		Spec
Pine board pattern (30T)	\$\frac{592}{7000000000000000000000000000000000000	(Inc. masonry joint)	2,400	kg/m 24.6	kg/m²	Exterior/interior		BN-
BNC-3550	492	500	2,700	19.7	39	Exterior/interior/ floor		BN-
BNC-3560	592	600	2,700	23.1	39	Exterior/interior/ floor		BN-
BN-3550	492 ×	500	2,700	19.7	39	Exterior/interior/ floor		Spec
BN-3560	592	600	2,700	23.1	39	Exterior/interior/ floor		Spection L-
BN-5050	£ 5000000	500	4,000	24.5	49	Exterior/interior/ floor		L-,
BN-5060	\$\frac{592}{20000000}	600	4,000	30.5	51	Exterior/interior/ floor		L-S
BN-6050	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500	5,000	29.5	59	Exterior/interior		L
BN-6060	592 500000000	600	5,000	33.7	56	Exterior/interior		
BN-7560	590	600	4,000	39.6	66	Exterior/interior		Spec
BNS-5050	\$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500	500	4,000	24.5	49	Exterior/interior / sound-proof wall		L-
BNST-5060	592	600	4,000	29.7	49	Exterior/interior		L-
BNST-7560	590	600	4,000	53.7	90	Exterior/interior	Tan .	L-3
BNST-5060	592	600	4,000	32	53	Exterior/interior		L-
BNTL-5060	592	600	4,000	31.2	52	Exterior/interior		* The s depe * Pleas

Standard Dimension of Green BACE Panel

Specifica-	Sectional view	Standard	Max.	Weight		Application
tions	Sectional view	width (Inc. masonry joint)	length (mm)	kg/m	kg/m²	Application
BN-1830	293	300	2,400	7.5	25	Interior/exterior/ Basement wall
BN-2040	393	400	2,400	11.3	28	Interior/exterior/ Basement wall
BN-2330	292	300	2,400	9.2	31	Interior/exterior/ Basement wall

Standard Dimension of Corner Type BACE Panel

Specifica-	Sectional view	Standard	Max. length	Weight		Application
tions	Sectional view	width (Inc. masonry joint)	(mm)	kg/m	kg/m²	Application
L-145	8 145	60×145	4,000	10.7		Exterior/interior/corner/ lintel
L-190	8	60×190	4,000	12.7		Exterior/interior/corner/ lintel
L-300	S 292	60×292	4,000	17.5		Exterior/interior/corner/ lintel
L-430	8 430 6000000	60×430	5,000	25.0		Exterior/interior/corner/ lintel/top beam/stair
L-600	s 592	60×592	5,000	35.0		Exterior/interior /corner/ lintel/ top beam

Corner Standard Specifications (Common colors)

The second second						
Specifica-	Sectional view	Standard width	Max. length	Weight		Application
tions		(Inc. masonry joint)	(mm)	kg/m	kg/m ²	
L-145	2 145	60×145	4,000	9.5		Exterior/interior/ corner/lintel
L-190	2 190	60×190	4,000	12.0		Exterior/interior/ corner/lintel
L-300	300	60×300	4,000	18.3		Exterior/interior/corner/ lintel/ top beam/stair
L-430	£ 430	60×430	4,000	29.0		Exterior/interior/corner/ lintel/top beam/stair
L-600	8 590	60×590	4,000	37.0		Exterior/interior /corner/ lintel/ top beam

^{**} The standard specifications of BACE Panel may be changed without notice in advance depending on the situation of the site.

[※] Please do not use the panels for floors subject to have frequent contact with moisture. (Such conditions may cause surface contamination or discoloration.)

BACE Panel uses natural mines for raw materials, and may have some differentiated colors.
 The corner BACE Panel is a product registered of a utility design on the Korean Intellectual Property office, and protected by the Industrial Design Protection Act. Common colored





- ① Project : Dormitory of Wonkwang Health Science University
- Project: Gwangju Jeonman Branch of Korea District Heating Corp.
 Project: Jangpyoeng-dong Community Service Center



- Address: 514, Iksandae-ro, Iksan-si, Jeolabuk-do
- Address : 65, Sindosandan-gil, Sanpo-myeon, Naju-si, Jeollanam-do
- Address: 10, Jangpyeong 3-ro, Geoje-si, Gyeongsangnam-do





- ① Project : Natural Science Pavilion 5, Changwon National University Address : 20, Changwon National University ro, Euichang-gu, Changwon-si, Gyeongsangnam-do
- ② Project : Im-dong Fire and Rescue Center
- Address : 5, Seorim-ro, Buk-gu, Gwangju-si



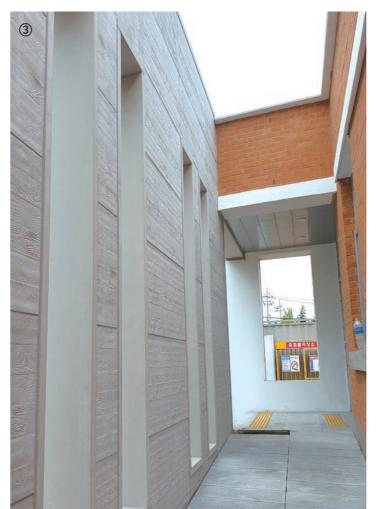




- 1 Project : Daekyeung Univ. Namyanju Campus23 Project : Geoje Community Sports Center
- Address : San 64-1, Palya-ri, Jinjeop-eup, Namyangju-si, Gyeonggi-do
- Address : 3485-17, Geojenamseo-ro, Geoje-myeon, Geoje-si, Gyeongsangnam-do









- 1)2 Project: Gunsan Napo Elementary School3)4 Project: Iksan Sinheung Elementary School
- Address : 23, Gyodong 1-gil, Napo-myeon, Gunsan-si, Jeolabuk-do Address : 10, Hanaro 3-gil, Iksan-si, Jeollabuk-do







- Project: Gyeonggin Port Passenger Terminal of Gyeonggin Ara Waterway
 Project: Wanju Health Center
 Project: YBM Training Center

- Address : 41, Jeongseojin 1-ro, Seo-gu, Incheon Address : 590-6, Sugye-ri, Samrye-eup, Wanju-gun, Jeolabuk-do
- Address: 317, Seja-ro, Jeongnam-myeon, Hwaseong-si, Gyeonggi-do













- Project: Gunsan Substation
 Project: Dining hall of Gimhae Naedong High School
 Project: South and North Korea Reunification Culture Center
 Project: Banghwa 1-dong Community Service Center
 Project: Kunsan National University

- Address: 135, Pyeongjeon-ro, Gimhae-si, Gyeongsangnam-do
 Address: 56, Magokseo 1-ro, Gangseo-gu, Seoul
 Address: 330, Banghwadae-ro, Gangseo-gu, Seoul
 Address: 558, Daehak-ro, Gunsan-si, Jeollabuk-do



①②③ • Project : New Reusable Energy Center of Kunsan National University • Address : 68, Miryung-dong, Gunsan-si, Jeolabuk-do





- ① Project: Student Hall of Soongsil University
- ② Project: Building 34, Engineering College, Seoul National University

Main Projects on Public Facilities

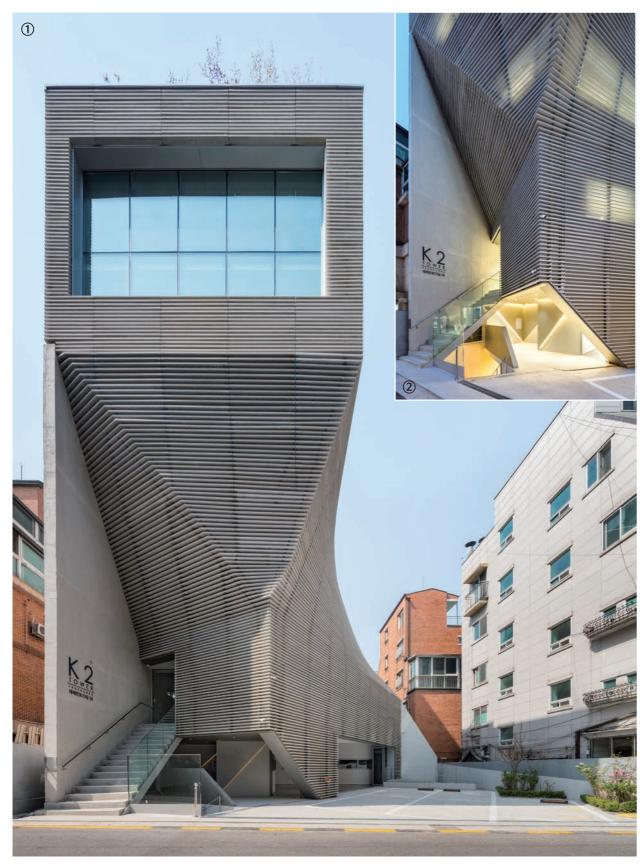
- Yuseong Culture Center
- Korea Institute of Fire Industry and Technology
- Multi-media lecture building, Humanities and Social Science Division of Seoul National University
- Multi-media lecture building of the natural sciences and engineering division of Seoul National University
- Seongho Lee Ik Memorial Hall
- Research and lecture building and club practicing rooms of Kyonggi University
- Industry-academy cooperation hall of Hongik University (Jochiwon)
- Medicine College of Soonchunhyang University Nammyeong Hall of Gyeongsang National
- Information Center of Muhak Girls High School
 Information Center of Gwanak High School
- Kaywon High School of Arts
- Gukak National High School
- Gumi Bonggok Middle School
 Ulsan Hwaam Middle School
- Jeolanam-do Government Building
- Seodaemun Juvenile Training Center
- Korea International Exhibition Center
- Ulsan Stadium

University

- Gimhae Culture & Art Center
- Gwangmyeong Dome Velodrome
- Nowon Information Library
- Dalseong-gun Government Building
- Engineering College of Mokpo National
- University
- Javier International School
- Gapyeong Community Sports Center
- Gapyeong Fire Station
- Gangnam-gu Disabled Rehabilitation Center
- Gaeseong Occupation Training Center
- Fire Station in Mt. Geumgangsan Sightseeing
- South and North Korea Sightseeing Exchange Center
- Geopo Multi-purpose Gymnasium
- Gusong Elementary School
- Hyupsung University
- Jangam Middle School
- Suwon Maewon High School
- Gupo City Library
- Geumcheon-Gu Government Building
- Anyang Hogye Gymnasium
- Eastern Wide Area Resources Recovery Facility
- Bogwang Polytech University
- Ansoen Women's Polytech University
- Korea Nazarene University
- Daewon Foreign Language High School
- Ewha Girl's Foreign Language High School
- Sandul High School
- Wabu High School
- Academic Information Center of Yonsei University
- Yongin Post Office
- Gimpo Community Health Center
- Wolgye Information Library

- Address: Gwanak-ro, Gwanak-gu, Seoul
- Address: 511, Sangdo-dong, Dongjak-gu Design: Ga-A Architect

Reference – Commercial Facilities

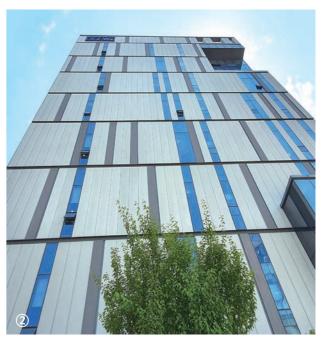


①② • Project : K2 Tower, Daechi-dong

• Address : 28, Tehran-ro 70-gil, Gangnam-gu, Seoul

• Design : Jo Jin-Man Architect Firm









- Design : New Town Architect
- 12 Project: Anyang RFHIC Building
 34 Project: Haman Expressway Reat Area (for Suncheon)
 Address: 41-14, Burim-ro 170-gil, Dongan-gu, Anyang-si, Gyeonggi-do
 Address: 205-1, Hyeonpo-ro, Gunbuk-myeon, Haman-gun, Gyeongsangnam-do

16 | Byucksan System BACE PANEL | 17

Reference – Commercial Facilities

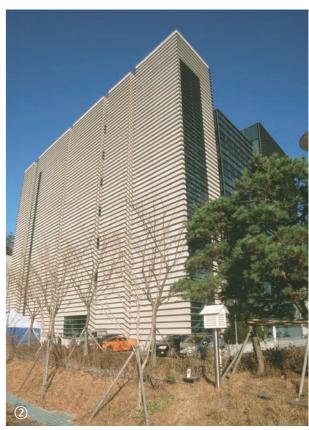






- 12 Project: Byucksan Hongseong Factory34 Project: Goyang Samsong Star Field
- Address: 100, Sandan-ro 388-gil, Gansan-myeon, Hongseong-gun, Chuncheongnam-do Address: 1955, Goyangdae-ro, Deokyang-gu, Goyang-si, Gyeonggi-do





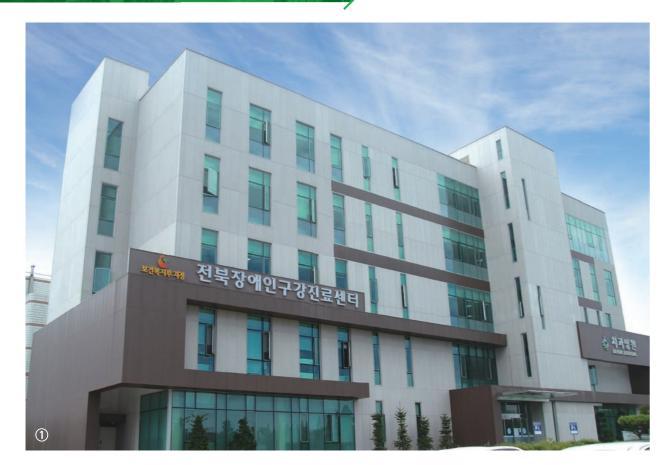




- Project: Georim Medical
 Project: Dongbu Fire Insurance Data Center
 Project: Seocho Sebarun Hospital
 Project: Songpa Munjeong-dong Partners
- Address: 29, Yulha 3-ro, Gimhae-si, Gyeongsangnam-do
 Address: 61, Digital Valley-ro, Suji-gu, Yongin-si, Gyeonggi-do
 Address: 47, Seocho Jungang-ro, Seocho-gu, Seoul
 Address: 90, Beopwon-ro, Songpa-gu, Seoul

18 | Byucksan System BACE PANEL | 19

Reference – Commercial Facilities







- Project : Dental Clinic Building of Chonbuk National University Hospital Address : 20, Geonji-ro, Deokjin-gu, Jeonju-si, Jeolabuk-do
 - Design : Open/Heesang Architect
- ②③ Project : Incheon Nanuri Hospital
- Address : 485, Injudae-ro, Nam-gu, Incheon







- Project : Imjingak Gondola Track
- ③ Project : Cheongsaem, Jinhye, Gimhae

- Main Projects on commercial facilities • The Open Books company building
- Cheongdam-dong 93-8 Building
- Simone company building
- Ilsan La Festa Shopping Mall
- Beon-dong Glory Tower
- Nau Building, Dunsan-dong, Daejeon (Pyeongyang Noodle)
- Wall Mart (Bucheon, Seo-myeon, Masan, and Bisan in Anyang
- E-Mart (Bundang, Jinju)
- Gumi Agricultural Products Wholesales Market
- Mok-dong Plaza
- Miraero 21 Hospital
- MSPIA Gynecology Clinic
- Buan St. Mary Hospital
- Huh Yu-je Gynecology Clinic
- Shinyoung Waco Logistics Warehouse
- Asia Publication, Culture and Information Center
- Ilsan MOANA Building
- Insan Hanaro Communication Information Center
- Ilsan Western Dome
- Paju Ichae Shopping Mall
- Pyeongtaek Prime KINEX
- Boston Gynecology Clinic Anyang Hansol Central Park
- Busan Jagalchi Market
- Hamyang Hanmaum Hospital
- Daego Fatima Hospital
- Haeundae Acroview
- Daegu Dong-A Department Store
- Ganghwa Youth Hostel
- Gimpo Gochon Hyundai Apartment Annexation Facility
- NH Bank, Dangjin-gun Branch
- Doseon Officetel
- Dongtan P&P Medical Plaza
- Baebang NH Bank
- Bundang EN Tech Building
- Cycrotron Building
- Sungmi LamiTech • Suwon Wave Electronics
- Asan Yonghwa-dong Hospital
- Asan Punggi-dong Outlet Mall
- Anseong Bus Terminal • Anyang Samyuk Printing Plant
- Yangpyeong KFLC Cow Plaza
- Student Welfare Center of Korea Military Academy
- Incheon Shinyoung Arcade
- ILDONG FOODIS Chuncheon Factory
- Jeju Phoenix Island
- Cheonan Samsung SDI Factory
- Cheongju Bukmun-ro Culture Complex
- TSE Complex 4
- Paju Hakji Company
- Paju Korea Academy Information factory
- ① Project : LG Champions Park • Address : 69, Daepyeong-ro 255-gil, Icheon-si, Gyeonggi-do
 - Address : 148-53, Imjingak-ro, Munsan-eup, Paju-si, Gyeonggi-do
 - Address: 279-65, Pyeongji-gil, Jilye-myeon, Gimhae-si, Gyeongsangnam-do

Reference – Other Facilities

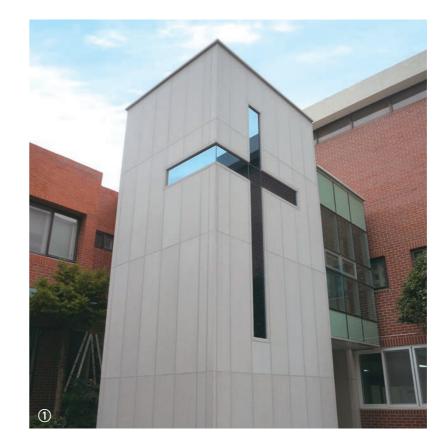


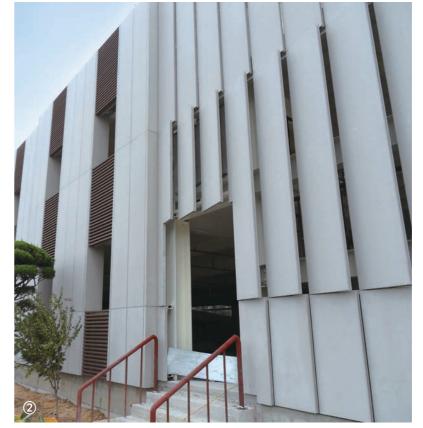


1)2 • Project : Gangnam GWELL Homes

• Address : 204-5, Jagok-ro, Gangnam-gu, Seoul

Design: Junglim Architecture





- ① Project: Wolnam-dong Cathedral
- 2 Project : Changwon LG Electronics

Main Projects on other facilities

- Uijae Museum
- Seonyudo Park Exhibition Hall
- Saemteo Gallery
- Wondang Full Gospel Church
- Seojong Gallery
- Bucheon Theme Park
- Banpo Gallery
- Danam Telecommunication
- Daewoo Shipbuilding & Marine Engineering
- Model houses
- (Hyundai, POSCO, Daeri, Kumho)
- Daily waste incineration facilities (Incheon, Milyang, Cheonan)
- Terminal disposal plants of sewage (Uljin, Seonghwan, Mokpo, Cheonan, Samcheok)
- Buhwal Church
- Poi-dong Cathedral
- Industrial Design Center
- Sampio Foods
- Yongin Automobile Exhibition Center
- Iranian Embassy
- Icheon Ceramics Expo
- Opto-Magic Ansan Factory
- CONIC System factory
- Pyeongchon EL Studio
- Otsuka Korea
- LT Metal • LG INNOTECH Plant
- LG Electronics Chamber Building
- Insun ENT factory
- Yongdungpo First Methodists Church
- Daehakro Hyemyeong Church
- Pupyeong Sangok Church
- Sujin Youngrak Church
- Cheonan Seongam Church
- Cheongju Baptist Church
- Dangjin Steam Power Plant
- Boryeong Steam Power Plant Youngheungdo Combined Cycle Power Plant
- Ganwon-do Jeongseon Factory
- Korea ONE-TECH Factory in Gwangju, Gyeonggi-do
- Air Force Academy Church
- Gwacheon Wangseong Church Dangjin First Church
- Mirae Company Hwaseong Factory
- Bucheon Saegwang Church
- Underground double wall of Southeast Distribution Complex
- Asan Tangpyeong Wastewater Disposal Plant
- Yeongwang Church
- Yongin Church
- Ulsan SK FCC

• Address: 79, 3.15 Daero, Masan Hapo-gu, Changwon-si, Gyeongsangnam-do

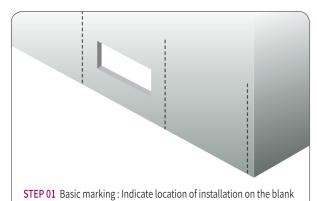
• Address: 170 Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do

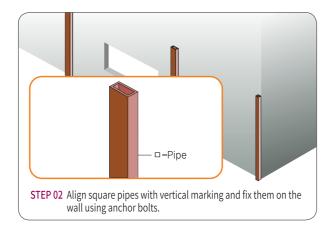
- Cheolsan-dong Public Parking Lot Chunghyeon Dongsan Church
- Hwagok-dong Unam Church
- Gwangju Joseon White Porcelain Data Pavilion Yongin Songjeon Sewage Treatment Plan
- Yongin Namsa Sewage Treatment Plan
- Museum of Korea Immigration History

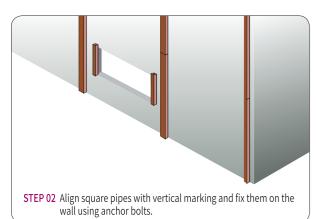
BACE PANEL | 23 22 | Byucksan System

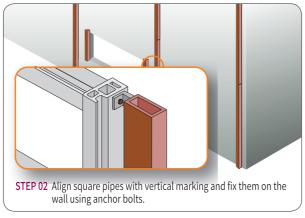
BACE Panel Installation

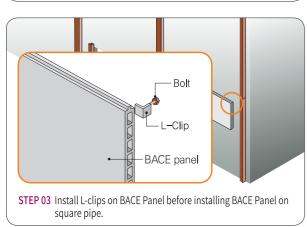
: Horizontal installation

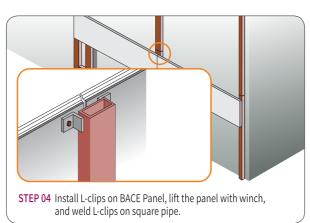


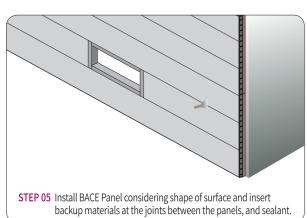


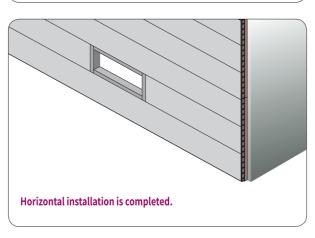


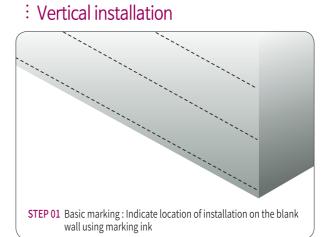








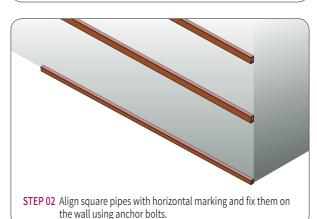


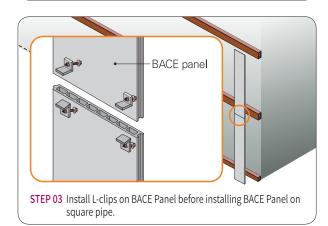


STEP 02 Align square pipes with horizontal marking and fix them on the wall using anchor bolts.

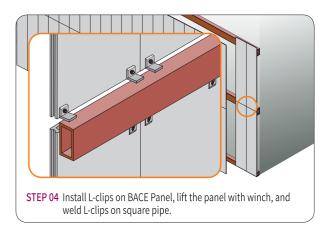
% Visit Byucksan website (www.byucksann.com) for BACE Panel installation simulation. % The simulated installation is standard and may vary depending on the situation of sites.

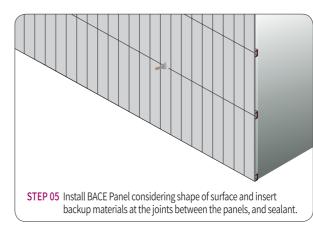
(Various installations are available)

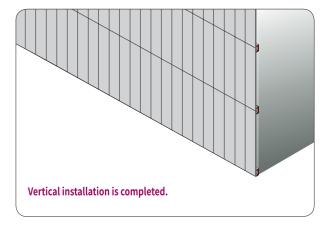








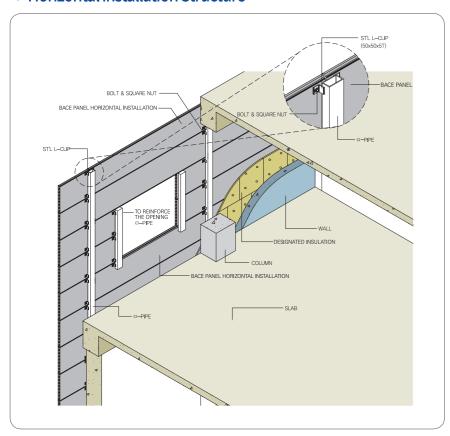




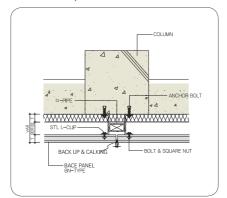
24 | Byucksan System

Detailed drawing of installation

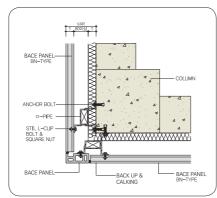
: Horizontal installation Structure



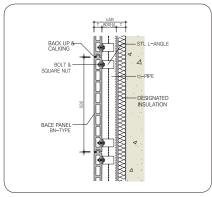
• Partial floor plan of horizontal installation



• Corner floor plan of horizontal installation

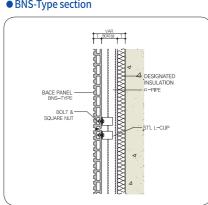


BN-Type section

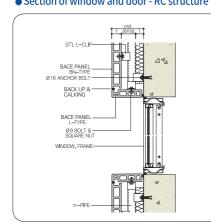


• Floor plan of window and door – RC structure

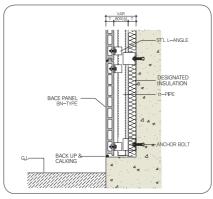
BNS-Type section



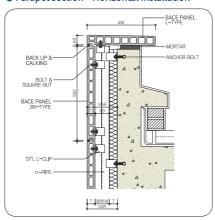
Section of window and door - RC structure



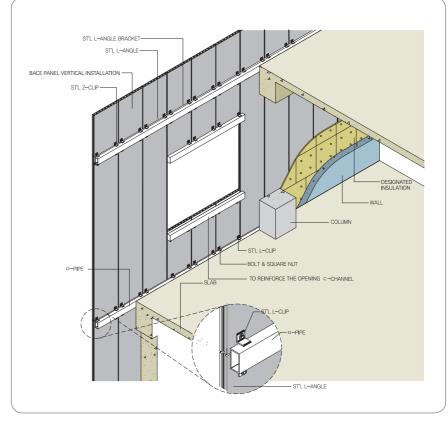
BN-Type bottom section

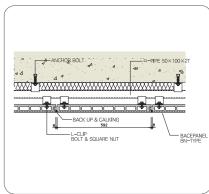


• Parapet section - Horizontal installation



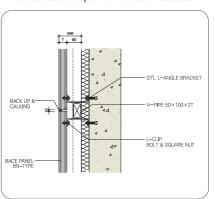
: Vertical installation Structure



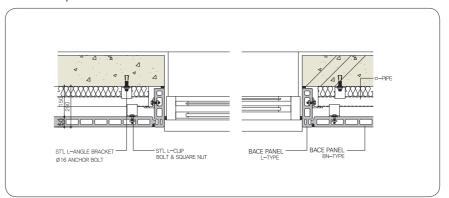


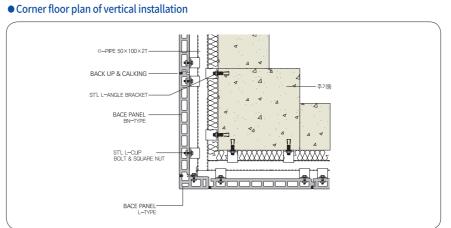
• Partial floor plan of vertical installation

• Partial sectional plan of vertical installation

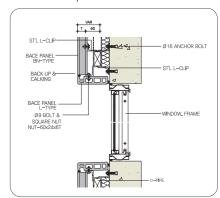


• Detail floor plan of window and door - RC structure

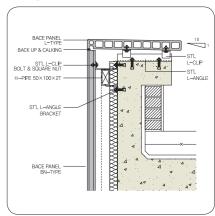




• Detail sectional plan of window and door - RC structure



• Parapet section – Vertical installation

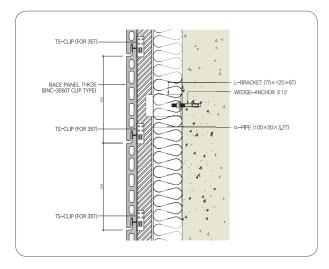


^{**} The simulated installation is standard and actual installation may vary depending on the situation of sites. (Various installation methods available)

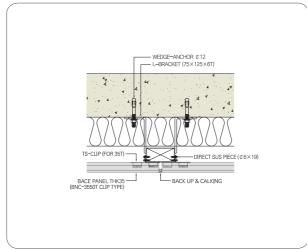
BACE PANEL | 27 26 | Byucksan System

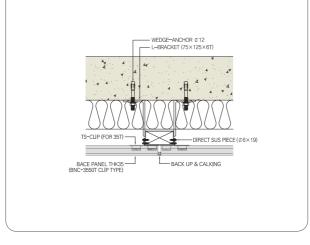
Detailed drawing of Clip Type installation

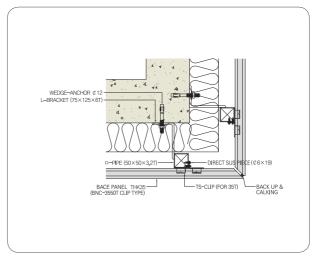
TS Clip Detailed cross-section of horizontal installation



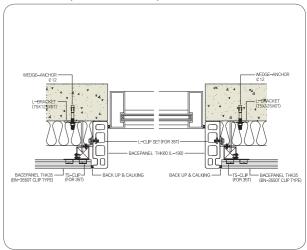
TS Clip Detailed floor plan of horizontal installation



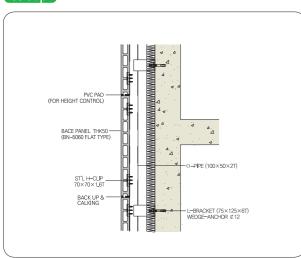




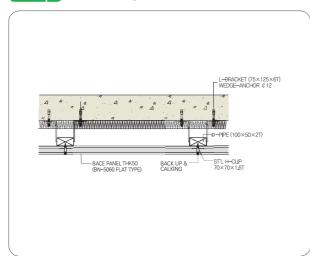
TS Clip Detailed floor plan of horizontal installation (Corner) TS Clip Detailed floor plan of horizontal installation (window and door)



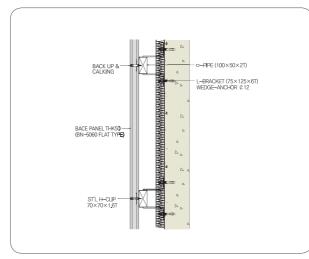
H Clip Detailed cross-section of horizontal installation



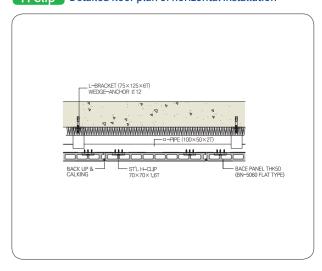
H Clip Detailed floor plan of horizontal installation



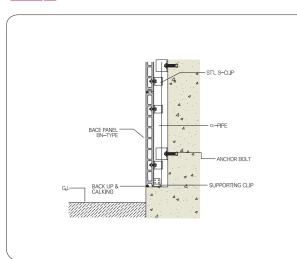
H Clip Detailed cross-section of horizontal installation



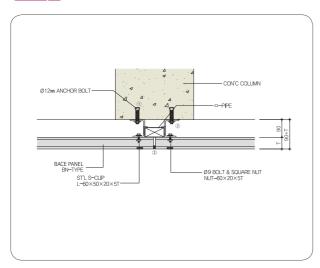
H Clip Detailed floor plan of horizontal installation



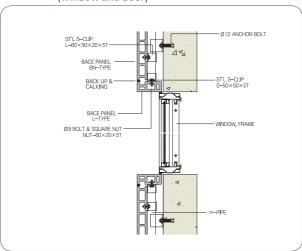
S Clip Detailed cross-section of horizontal installation



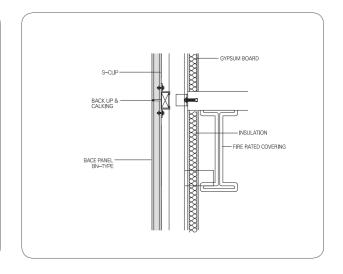
S Clip Detailed floor plan of horizontal installation



S Clip Detailed cross-section of horizontal installation (window and door)



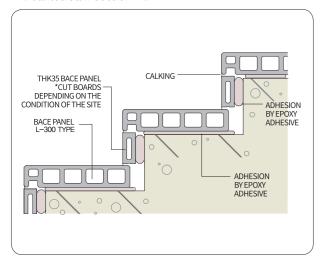
S Clip Detailed cross-section of vertical installation (Slab)



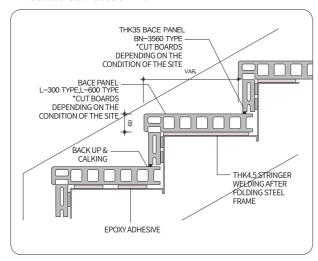
BACE PANEL | 29 28 | Byucksan System

Detailed drawing of Clip Type installation

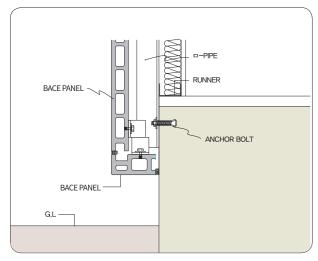
Detailed stair section - 1



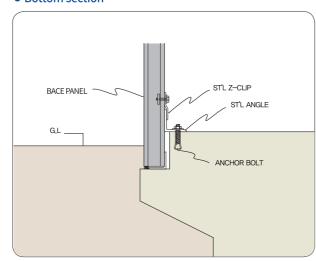
• Detailed stair section - 2



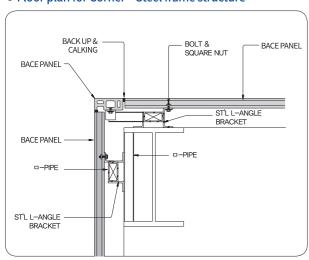
Bottom section



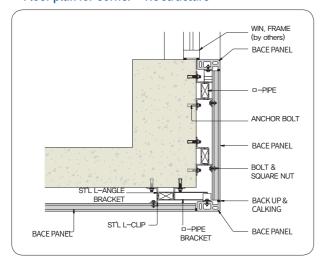
Bottom section



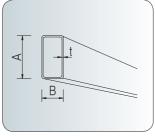
• Floor plan for Corner – Steel frame structure



• Floor plan for Corner - RC structure

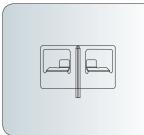


: Examples of Accessories



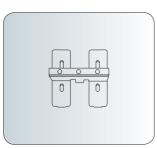
Square pipe

- Dimension $A \times B \times t$ Ex.) 100×50×2T 50×50×2T
- Tolerance (length, thickness) \pm 0.30 mm
- Length 6 m



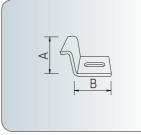
TS clip

- Dimension A×B×t Ex.) 70×100×2T
- Tolerance (length, thickness) $\pm 0.50 \,\mathrm{mm}$



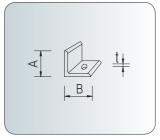
H clip

- Dimension $A \times B \times t$ Ex.) 70×70×1.6T
- · Tolerance (length, thickness) ±1~2 mm



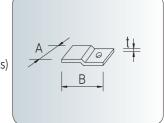
S clip

- Dimension A×B×t Ex.) 55×55×5T
- Tolerance (length, thickness) \pm 0.50 mm



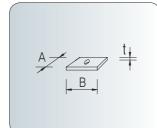
L clip

- Dimension A×B×t Ex.) $50 \times 50 \times 5$
- Tolerance (length, thickness) $\pm 0.50 \,\mathrm{mm}$



Z clip

- Dimension A×B×t Ex.) $50 \times 50 \times 5$
- Tolerance (length, thickness) $\pm 0.50 \,\mathrm{mm}$



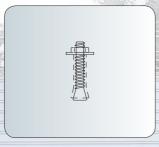
Square nut

- Dimension $A \times B \times t$ Ex.) $25 \times 60 \times 5$
- · Tolerance (length, thickness) $\pm 0.50 \,\mathrm{mm}$

said the

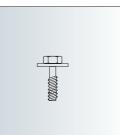
Hexagonal bolt

- Dimension M10×32
- Tolerance (length, thickness) ±0.50 mm



Anchor bolt

- Dimension Ex.) Ø12
- Length 100 mm



Quality assurance

- 1. Please contact the customer service center of the head office or distributors of the company if you have any requirements or complaints regarding the quality of the products.
- 2. The warranty of the products is for 1(one) year. (Note: The warranty will not be valid in case of defects caused by careless storage or handling of the products by customers or those resulting from erroneous installation.)
- 3. Reports on complaints about the product should be accompanied by relevant documents.

Cautions on handling and storage

- 1. Store the products on pallets with proper covers (e.g., tarpaulin) on a flat floor when storing them outdoors.
- 2. Do not stack pallets on the other pallets.
- 3. Use a forklift when loading and unloading the products onto and from trucks.
- 4. Take care to protect the corners from damage during handling and storage.
- 5. Protect the products not to be contaminated during storage and handling.
- 6. Do not place heavy objects on the products. The product may be damaged.

Cautions on installation

- 1. Please consult us when you wish to use the products for different applications other than those specified here.
 - Do not use the products for other purpose with heavy weight load which may cause breakage.
- 2. Discarded BACE Panel is a common industrial waste and should be disposed complying with relevant regulations.
- 3. Observe the following instructions when cutting or processing the products:
 - Workers should wear protective gear such as face mask and goggles; workers not wearing such gears should not be allowed to access the work site.
 - Maintain good ventilation condition at the work site.
- ** Please refer to the MSDS at the head office, branches, and website of the company for additional information.









Safety Glasses Safety Helmet Filter Mask

MSDS (Material Safety Data Sheet) – Manual describing the hazards, first-aid actions, and handling method of chemicals for the safe use of products.

Warning

A CAUTION

- 1. Tighten the wrist section of the long sleeves and wear protective gear such as goggles, safety helmet, face mask, and gloves when handling the product.
 - Inhalation of dust may cause stimulus on the respiratory system.
- 2. If dust directly comes in contact with skin or eyes, do not rub; instead, wash off with water.
 - Scratching skin may cause stimulus on skin.
- 3. Do not use the product for grill plate.
 - The product may cause airborne particles or have damage when exposed to flame.
- 4. If you feel sick during the handling and installation of the product, consult a doctor immediately.
- ** The contents of this booklet may be subject to change without notice. Please consult us if you want to use the products for different applications other than those described here.
- * ® indicates the registration of trademark of Byucksan.



Gwanghui Building, 307, Toegye-ro, Jung-gu, Seoul Phone: 02)2260-6073 F a x:02)2260-6088

www.byucksan.com

Head office, and branches

■ Head office: • BACE Sales: 2260-6293

• Inorganic Insulation: 2260-6249

• Marketing: 2260-6114

• Distribution Sales: 2260-6231

•Technical Sales: 2260-6054

• Organic Insulation: 2260-6198

• EIFS Sales: 2260-6054

■ Branches: • Daejeon 042)628-0823~6 • Gwangju 062)523-0063~5 • Daegu 053)565-0550 • Busan 055)367-7880~3

■ Distributors: • Gangwon 033)747-2995 • Jeonbuk 063)214-3493 • Masan 055)299-5397 • Incheon 032)578-2622 • Suwon 031)666-0981

■ Eumseong factory: 144, Chogeum-ro 71-gil, Eumseong-gun, Chungbuk Phone: 043)877-2916 Fax: 043)877-2918

■ Customer service: 080 - 021 - 7272 ■ 1588 - 1116 (toll free)