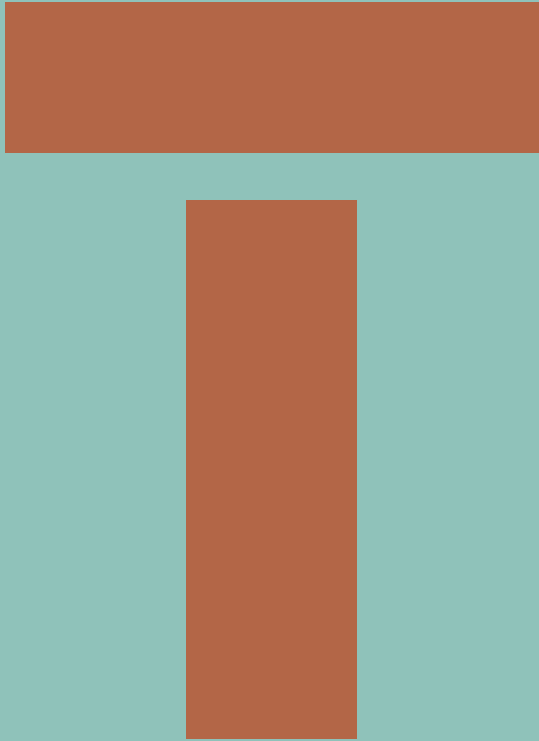




T-BRICK

테라코타 스마트 브릭

700+

TERRACOTTA BUILDINGS IN KOREA SINCE 2009

테라코타, 하드웨어 제조기업

(주)유토플러스가 함께 합니다.
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72 BUILDINGS WORLDWIDE

테라코타, 하드웨어 수출기업

유토
惟土
EUTO [jə'to:]

"WE ARE NATURE"

유토는 아름다운 건축자재 디자인과 생산, 공급에 최선을 다하겠습니다.

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SEOUL NATIONAL UNIVERSITY HOSPITAL MEDICAL RESEARCH CENTER
서울대학교병원 의학연구센터

BEAUTY. EASY & QUICK.
NO CEMENT. WATERPROOF.
LEAD & CADMIUM FREE.
CLASS 4 STAIN RESISTANCE.
PATENT IN KOREA, USA & CHINA
PRODUCT DESIGN IN KOREA.



Q마크
KOREA Q-MARK SYSTEM



난연 VO 등급
FLAME RESISTING



차수 기능
WATERPROOF



한국, 미국, 중국 특허
PATENT IN KOREA & USA



내오염성 4급
RESISTANCE TO STAINING



품질 관리
ISO 10546 / ISO 13006



흡수율
WATER ABSORPTION <6%



내풍압, 내진테스트
ASTM MOCK UP TEST



깨임강도
BREAKING STRENGTH 1809N



유해물질 불검출
LEAD & CADMIUM FREE

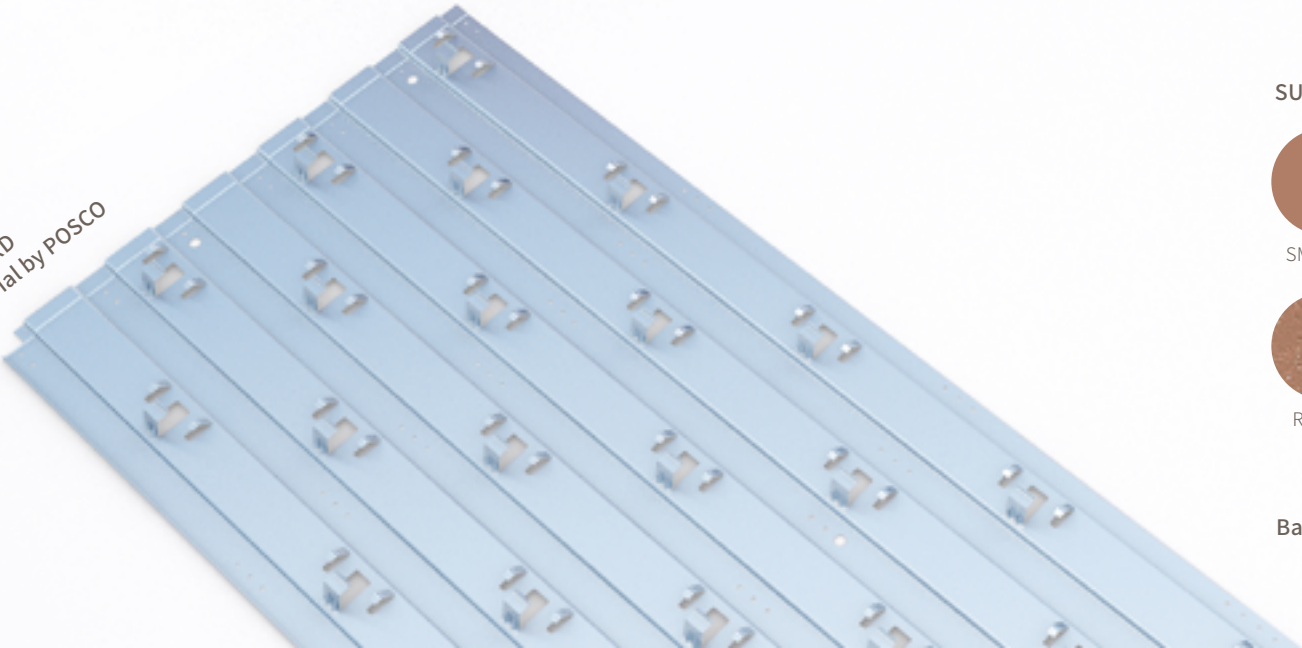
T-BRICK FLAT & ROOF / 100X400, 200, 100 / LIGHT RED
TL-OUTCORNER / LIGHT RED



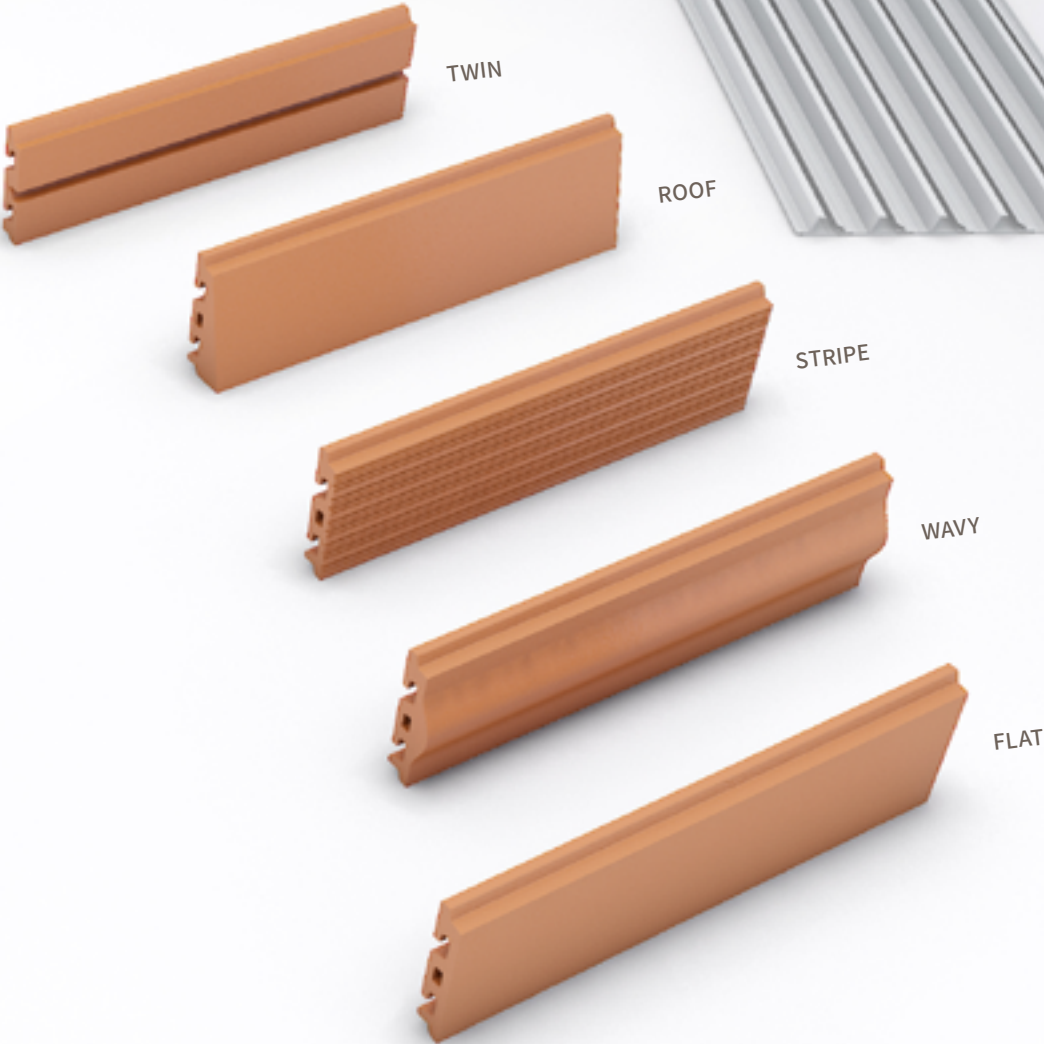
PRODUCTS



M-BOARD
Material by POSCO



V-BOARD
Material by LG



SURFACE



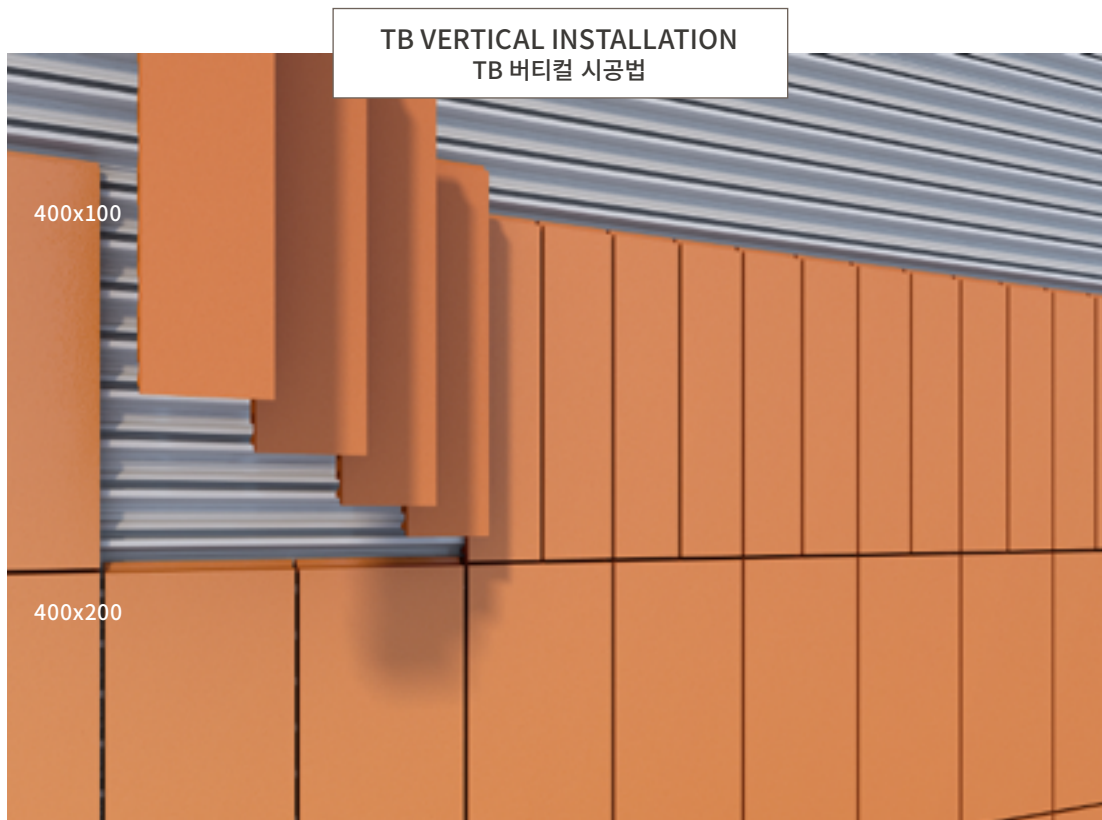
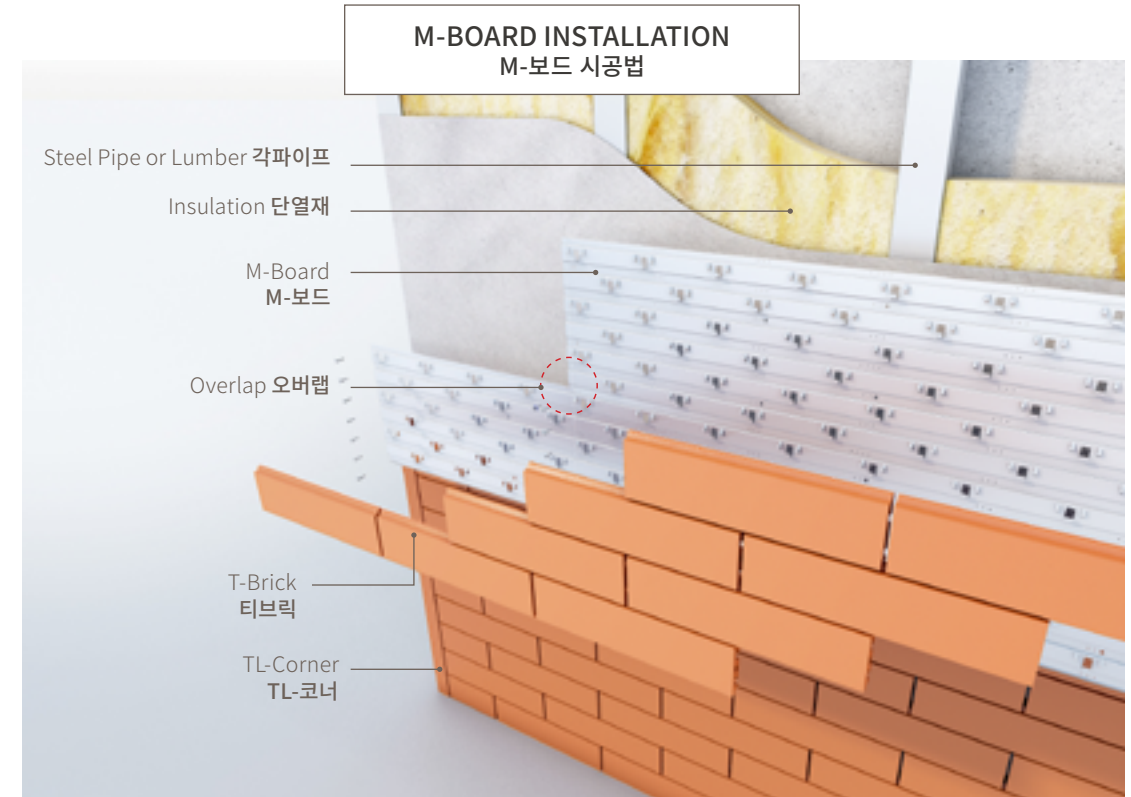
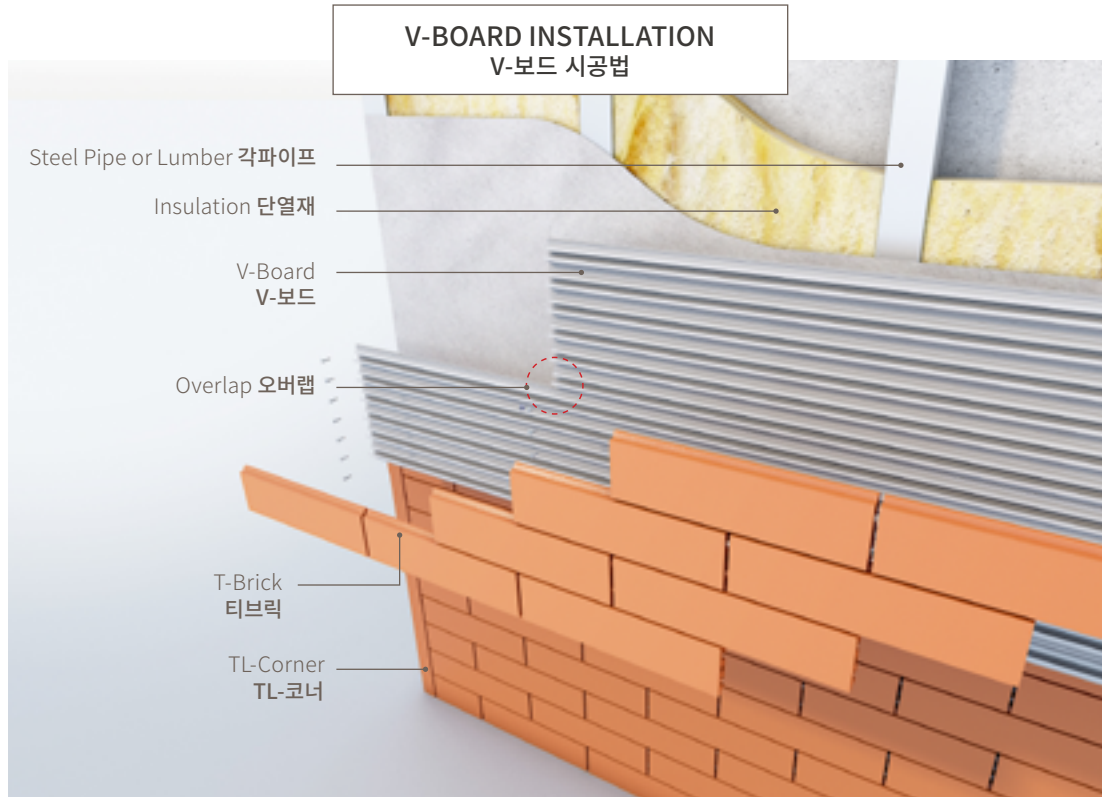
SMOOTH



ROUGH



Basic Size: 20T x 100H / 200H x 400L / 500L



NATURAL COLORS

LIGHT RED
라이트 레드

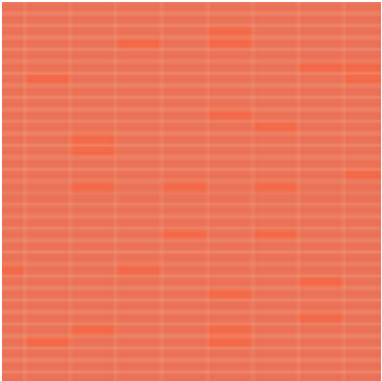


Photo by Elise Petrovich on Unsplash

CAPPUCCINO
카푸치노

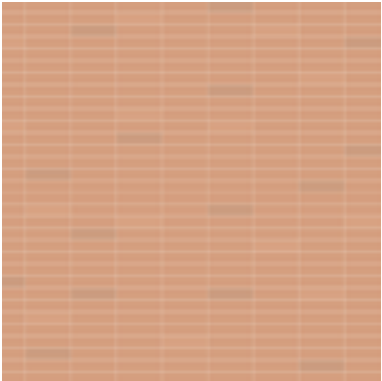


Photo by Grace Mak on Unsplash

BURGUNDY

버건디



SMOOTH ROUGH

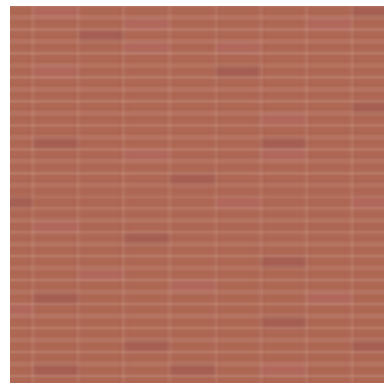


Photo by The Creative Exchange on Unsplash

CHOCOLATE

초콜릿



SMOOTH ROUGH

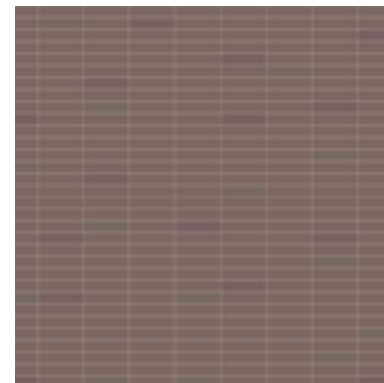
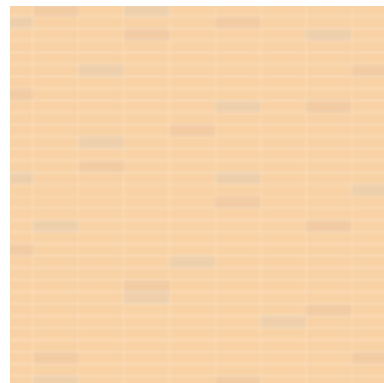


Photo by Charisse Kenion on Unsplash

SANDY
샌디



SMOOTH ROUGH



GRAY
그레이



SMOOTH ROUGH

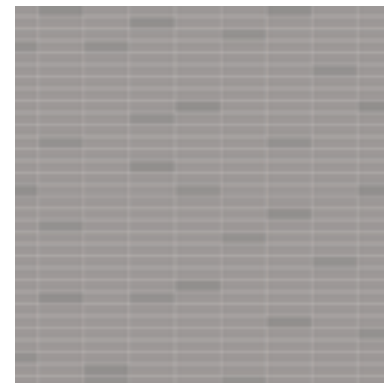


Photo by Willian Justen de Vasconcellos on Unsplash



Photo by Shiebi AL on Unsplash

PANTONE BLACK
무광 블랙



PANTONE WHITE
무광 화이트

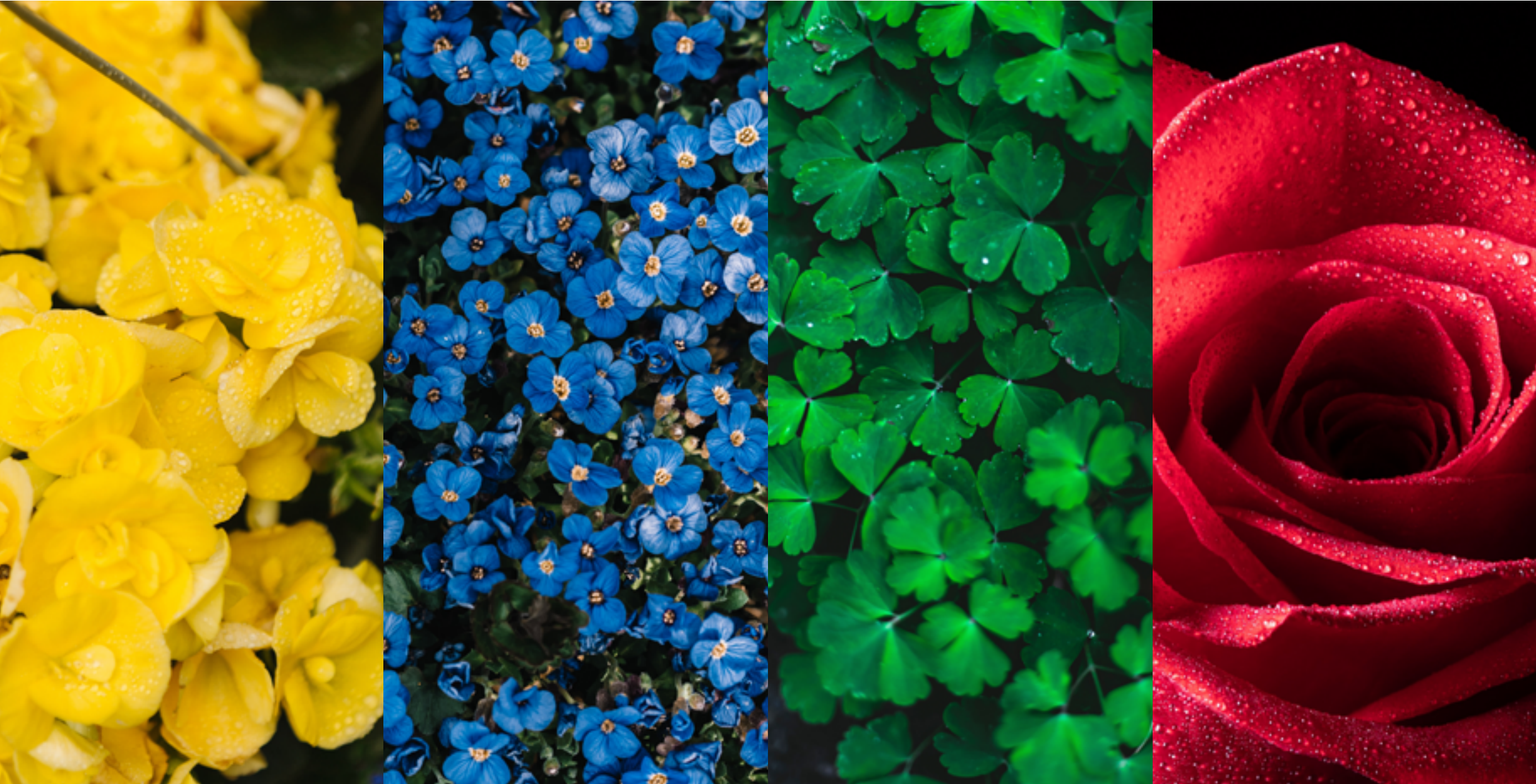


Photo by NASA on Unsplash



Photo by Ernesta Vala on Unsplash

URBAN COLORS
무광 옐로우 / 블루 / 그린 / 레드





GIMPO ELEMENTARY & MIDDLE SCHOOL
김포향산초중학교

GRAY



DAISHIN SECURITIES GWANGMYEONG CENTER
대신증권 광명센터

SANDY / CAPPUCCINO

PYEONGTAEK CITY COUNCIL
평택시의회

LIGHT RED



JEONJU HWAJEONG PARK BUILDING
전주 화정공원 상가

GRAY / BURGUNDY



① 서교동 빌딩 ② 휴먼푸드 수원사옥 ③ 충주 어린이청소년도서관



① 합정동 빌라 ② 노고산동 빌라 ③ 평택시 다함께돌봄센터 ④ 강원도 농가주택

DONGTAN PENTERIUM APARTMENT
동탄 펜테리움 아파트

LIGHT RED / CHOCOLATE /
SANDY / CAPPUCCINO



YANGPYEONG-DONG VILLA
양평동 빌라

CHOCOLATE / SANDY



① 구성동 분홍코끼리 사옥 ② 서울여대 50주년 기념관

GIMCHEON THE HUE APARTMENT
김천 더휴 아파트

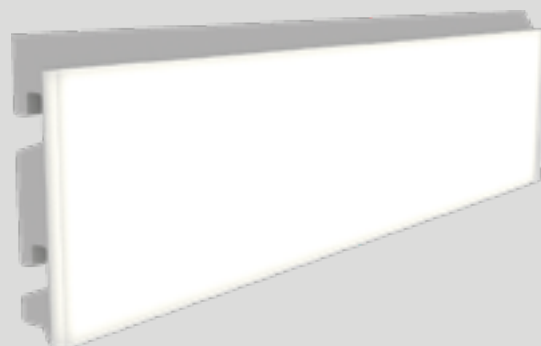
LIGHT RED / CAPPUCCINO



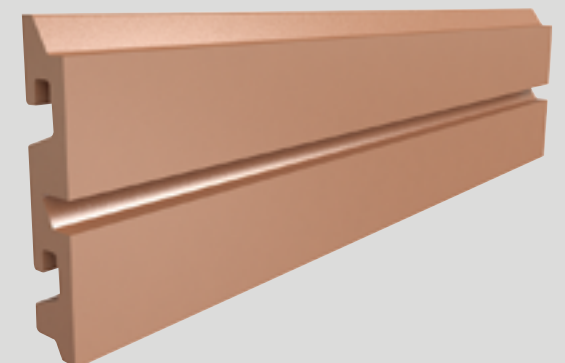
① 강남 효성헤링턴 ② 한국전력 마포지사

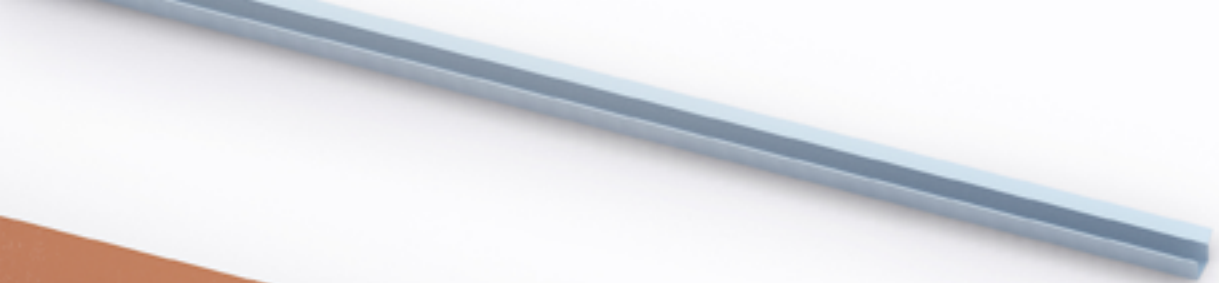


NEW
TB-LED
 Eco Light for Beauty & Safeness



NEW
TB-TWIN
 45mm Hight
 Slim & Lengthy Look





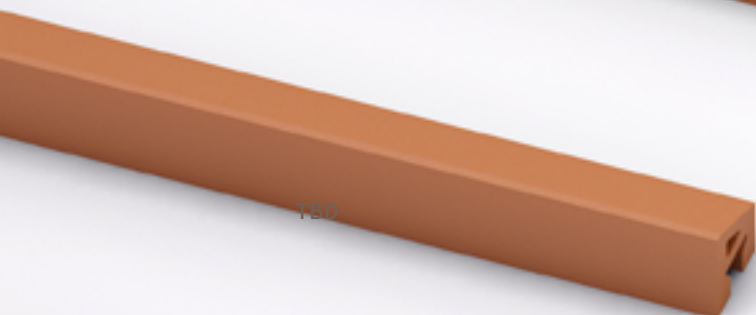
TL-BAR



TL-CORNER



TL-BELL



TL-ROOF



TL-30



TL-50



TL-CLIP

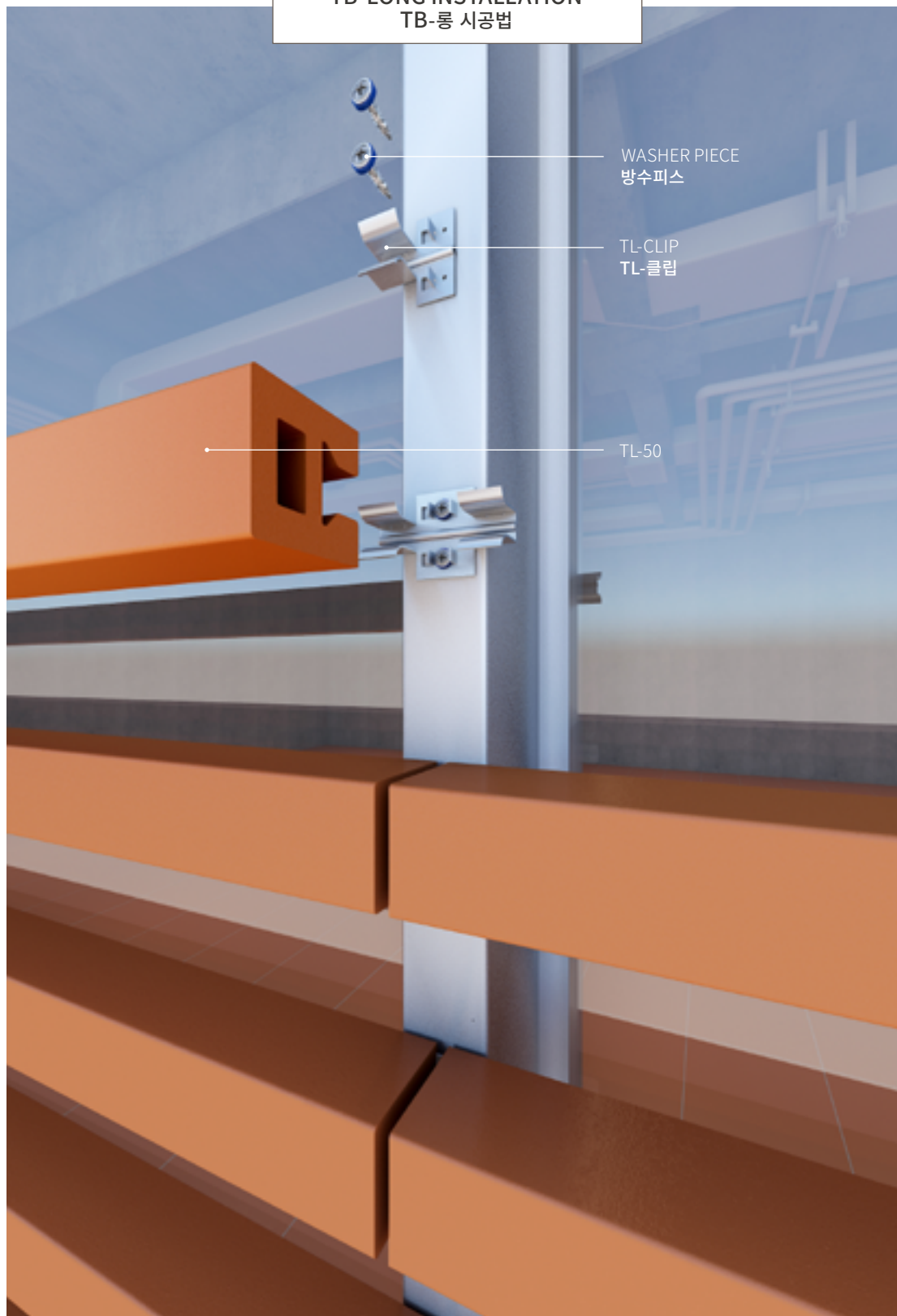
NEW T-BRICK LONG

티브릭롱

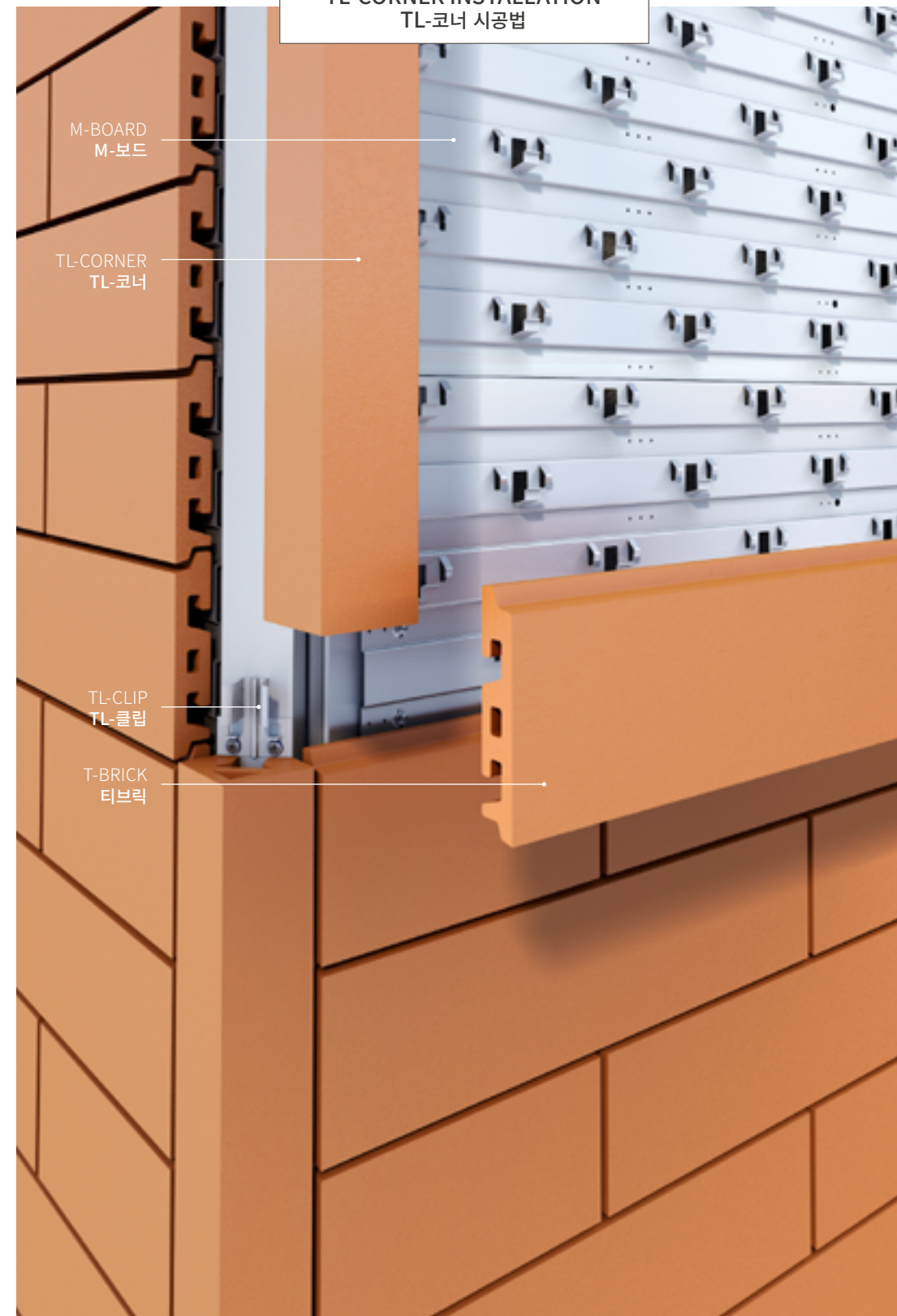


T-BRICK LONG / LIGHT RED / CAPPUCCINO

TB-LONG INSTALLATION TB-롱 시공법

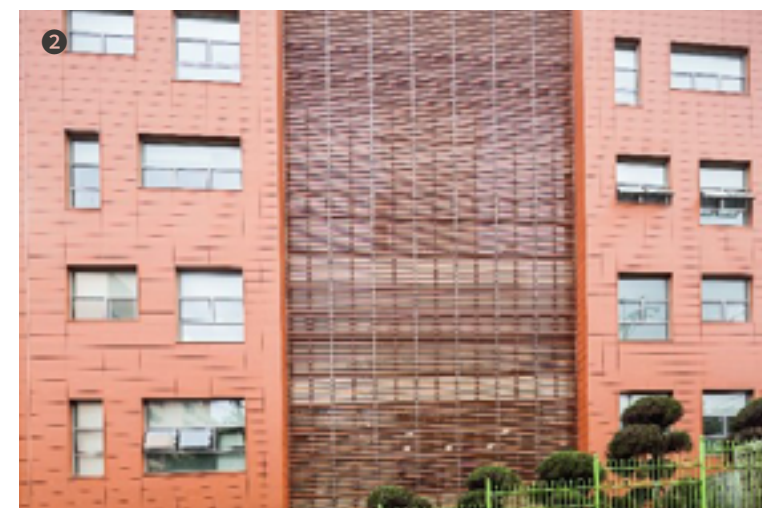
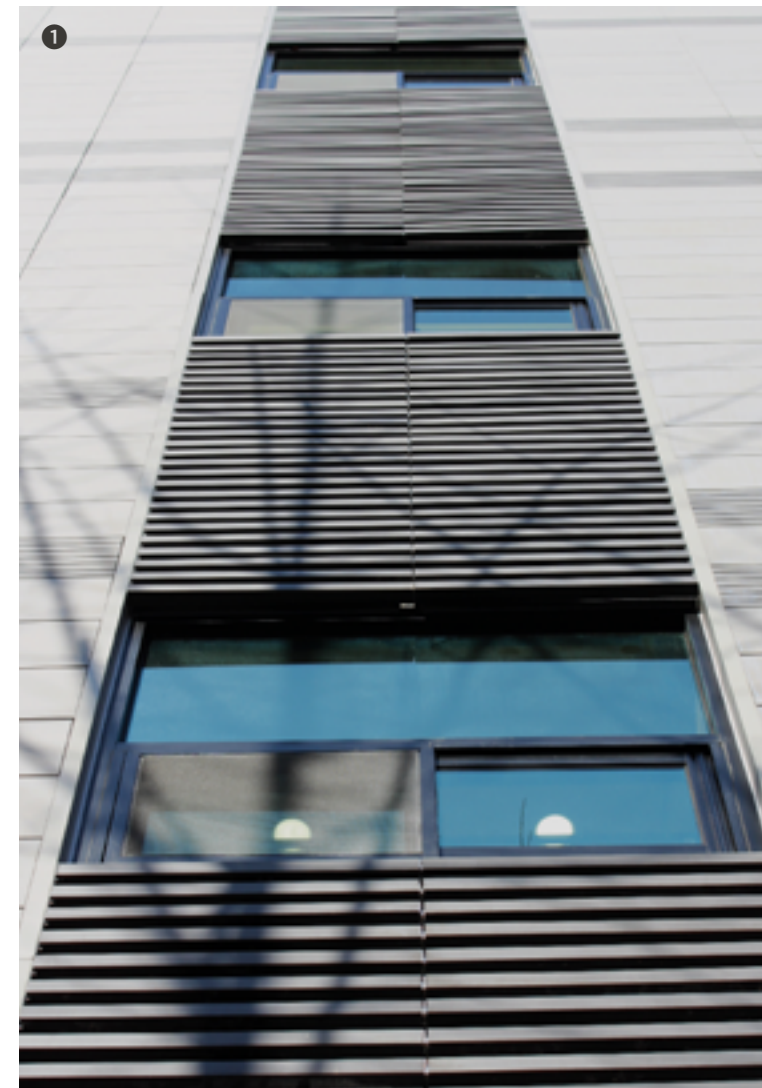
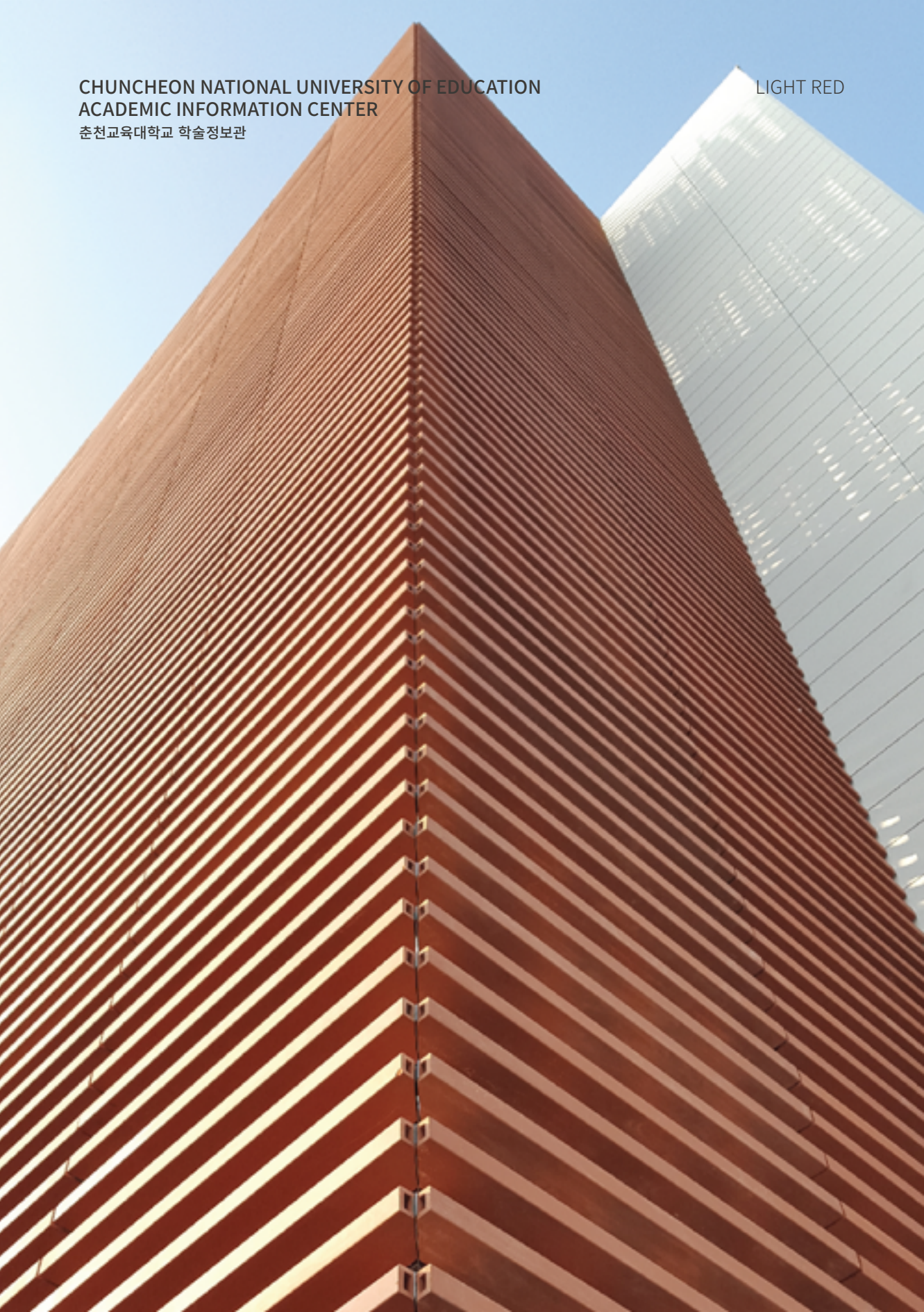


TL-CORNER INSTALLATION TL-코너 시공법

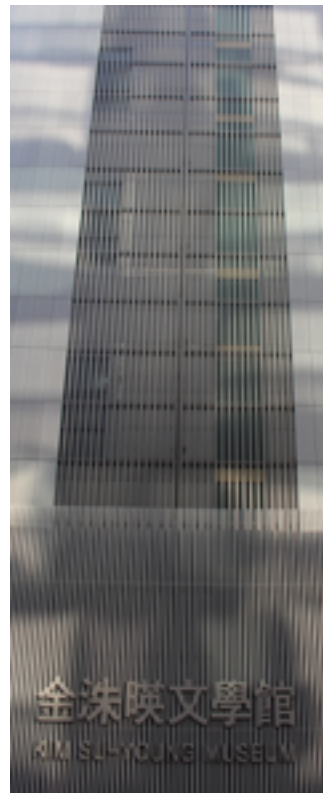


CHUNCHEON NATIONAL UNIVERSITY OF EDUCATION
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춘천교육대학교 학술정보관

LIGHT RED

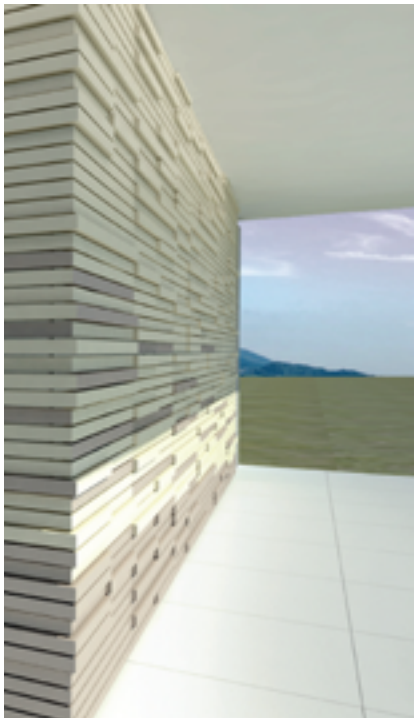
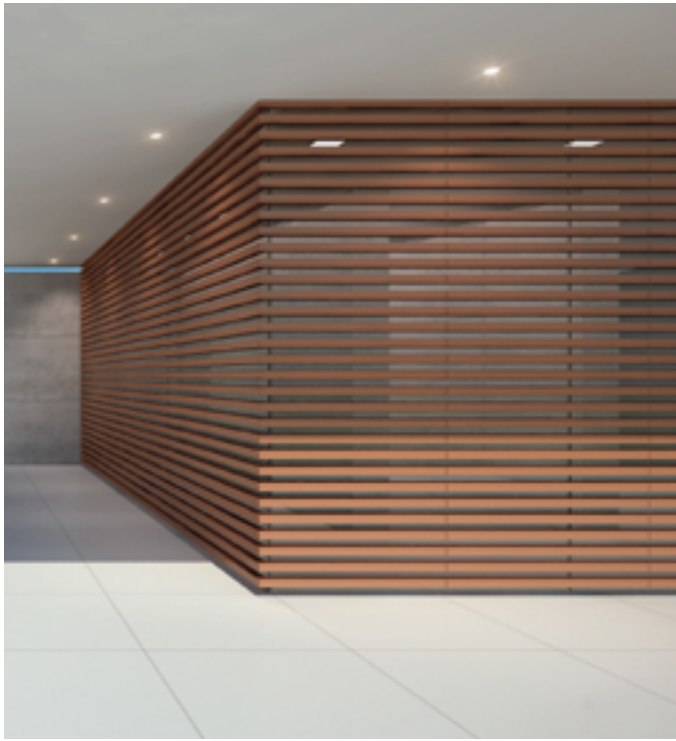
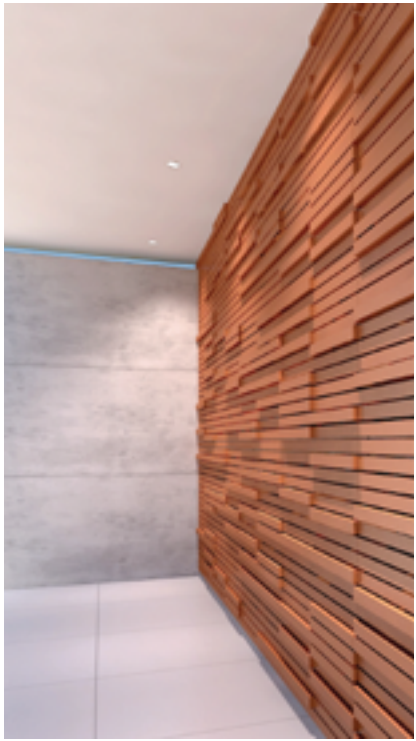


① 기업은행 마들역점 ② 신구대학교



① 김수영문학관 ② 강남대학교

TB-LONG DESIGN SAMPLE



T-BRICK 티브릭 품질 규격

ISO 10454 / ISO 13006

CHARACTERISTICS 특성				STANDARD ISO 13006	TERA PANEL
Sample Production	1	Sampling and basis for acceptance 샘플링의 기본적 수용		Not applicable 해당없음	Not applicable 해당없음
1. Dimensions & surface quality 치수와 표면	2.1	Surface quality 표면 품질		95% 이상	98%
	2.2	Length and width 가로와 세로 수치		±2.0% 이내	-0.19%
	2.3	Thickness 두께 공차		±10% 이내	16.1mm
2. Physical properties 물리적 특성	3.1	Water absorption 흡수율		3.0%<E≤6.0%	4.40%
	4.1	Breaking strength 파괴 강도	breaking strength 휨파괴 저항	950N 이상	1809N
			modulus of rupture 파열 계수	20N/mm³ 이상 [개별 18N/mm³ 이상]	33.8N/mm³
	5.1	Impact resistance 충격저항		Report test result	0.79
	6.1	Abrasion resistance 내 마모성	unglazed 무유	393mm³ 이내	147mm³
	7.1		glazed 시유	Report test result	6 Mohs
	8.1	Linear thermal expansion 선 팽창		Report test result	7.7 x 10-6/°C
	9.1	Thermal shock resistance 열 충격 저항		Report test result	이상 없음
	10.1	Moisture expansion 수분 팽창		Report test result	0.192mm/m
	11.1	Crazing resistance 유약표면 저항		Report test result	해당 없음
	12.1	Frost resistance 내 동해성		Report test result	이상 없음
	16.1	Small colour differences 작은 색상 차이		Report test result	Conforms
3. Chemical properties 화학적 특성	13.1	Resistance to acid and alkalis 산 및 알칼리에 대한 저항		Report test result	내산성 내알칼리성 이상 없음
	14.1	Resistance to staining 내 오염성	unglazed	Report test result	class 4
			glazed	min. class 3	해당 없음
15.1	Lead and cadmium release 유해물질 검출여부		납, 카드뮴 검출여부	불검출	
4. Mock-up Test Report	17.1	ASTM E 330 내 풍압 성능 Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference		No Problem	300*1200*16 기준
	17.2	AAMA 501.4 내진 성능 Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure		No Problem	※테스트리포트 별도제공 / Mock-up test report can be provided upon request

BRICK BOARD 브릭보드 품질 규격

KS F 5602

Test Item	Tensile Yielding Strength MN/m2	Bending Elasticity Rate MN/m2	Pendulum Dropping Intensity after Low Temperature	Deformation by Heating	Heating Elasticity %	Combustibility		Elasticity due to Repeated Cooling and Heating %
						PVC Resin	ABS Resin	
Performance	36.8 and above	1960 and above	Shall have no more than 2 cracks	Shall have no bubbles, cracks and peels	2.5 and below	Shall not continue combustion	Shall be suitable for HB level	0.2 and below
시험 항목	인장 항복 강도 MN/m2	굴곡 탄성률 MN/m2	저온 후 낙하 강도	가열 변형	가열 신축성 %	내연소성		냉열 반복에 의한 신축성 %
						PVC 수지계	ABS 수지계	
성능	36.8 이상	1960 이상	2개 이상 갈라짐 이 없을 것	기포, 갈라짐, 박리 등이 없을 것	2.5 이하	연소가 계속되지 않을 것	HB급에 적합할 것	0.2 이하





TERRACOTTA
UNITED
MEMBERS

EUTO PLUS INC

EUTO DESIGN INC - KOREA / EUTO ASIA PACIFIC INC - VIETNAM
plus@eutoplus.com / www.eutoplus.com

(주)유토플러스