

22/11/2022

לכבוד
חב' ינקוביץ' – מר איליה קונצביצקי
ברן הנדסה – מר ליאור עיני

הנדון: אונ' תל אביב – ננו טכנולוגיה - ריצפה צפה לאישור חוזר

להלן חומר טכני לאישור עבור מחיצות ריצפה צפה:

ספק ומתקין הרצפה - חברת פדסטל חברת בנייה בע"מ.

1. אריחי ריצפה הצפה לחדרים נקיים תוצרת חברת ZIP (תוצרת קוריאה) המערכת אלומיניום כוללת:

א. רגלי אלומיניום פדסטל.

ב. חיזוקים אלכסונים.

ג. אריחי ריצפה מחוררים עם ציפוי PVC.

ד. אריחי גריל צבוע אפוקסי.

ה. קושרות לריצפה.

ו. אריחים עם חלון שירות שקוף.

2. אריחי ריצפה צפה מפלדה ממולאת בטון תוצרת HUATONG (סין) המערכת כוללת:

א. רגלי פלדה מגולוונת פדסטל.

ב. חיזוקים אלכסונים.

ג. אריחי ריצפה עם ציפוי (HPL/PVC) להחלטת הלקוח.

ד. קושרות לריצפה.

3. פירוט העומסים במפרטים הטכני.

4. ניתן לספק דוגמאות לשטח.

5. מצורף אישור קונסטרוקטיבי.

6. מצורף תקני ISO

7. מצורף חומר טכני.

בברכה,

אלי שני

מפרט רצפה צפה: Huatong CCS 1000 – פלדה במילוי בטון

1. אריח

אריח הרצפה שיסופק יהי מתוצרת חברת **Huatong**, סין (נציגים: **פדסטל** מערכות בניה בע"מ. טל': 09-745-7211).

אריח הרצפה ייוצר מפלדה ממולאת בטון קל משקל. פלטת הפלדה העליונה מחוברת באופן מכני לפלדה התחתונה, העשויה בצורת תבנית ביצים, ב-64 נקודות.

האריח מחופה ב – HPL אנטי-סטטי בגוון לבן עם כתמים אפורים (Grey Starlight). בהיקף האריח יותקנו קנטים של PVC שחור.

מידת האריח 60X60 ס"מ. ריבועיות הפלטה, כשהיא מדודה מפינה לפינה, תהיה בטווח טולרנס של 0.15 מ"מ.

אריח הפלדה צבוע בצבע אפוקסי עם ציפוי מוליך.

הרצפה תעמוד בעומס מינימאלי אחד של 1,500 ק"ג/מ"ר.

האריח יעמוד בעומסים הבאים על פי הליך הבדיקה האמריקאי **CISCA** :

האריח ישא בעומס נקודתי של 444 ק"ג על אינץ' רבוע בכל מקום על האריח, עם שקיעה מכסימלית של 2.5 מ"מ.

האריח ישא בעומס מתגלגל של 265 ק"ג, מועמסים על גליל פלסטי במידות 1.5"x6" ב-10000 מחזורים על אותו מסלול במרכז האריח ובשקיעה עליונה מותרת של 0.5 מ"מ.

עומס נקודתי מרבי לשבר: 1,466 ק"ג.

2. רגלית הרצפה

רגלית הרצפה תהיה מגולוונת ותשא בעומס צירי של 3000 ק"ג.

הבסיס המודבק, בגודל 100X100 מ"מ, מרוחק לצינור פלדה, ישא בעומס משיכה אופקי של 10 ק"ג.

הרגל כולה תהיה מגולבנת עם טווח התאמת גובה של 50 מ"מ.

3. קושרות



פדסטל מערכות בניה בע"מ

Pedestal Building Systems, Inc.

הקושרות המחברות את ראשי הרגליות יהיו עשויות פלדה מגולוונת וישאו בעומס נקודתי באמצע הקושרת של 125 ק"ג ללא דפורמציה.

4. אביזרים

פתחים, במידת הצורך, יבוצעו באריחים לקבלת אביזרי חשמל ואחרים.

סגירות אנכיות, מדרגות, רמפות וכדומה יבוצעו על פי פרטי היצרן.

אריח מחורר למעבר אויר במידת הצורך, עם או בלי דמפר - לפי קביעת המתכנן, יהיה אריח פלדה עם 22% חירור.

משאבת הרמה תסופק על פי דרישה.

כל הפריטים הנ"ל אינם כלולים במחיר הרצפה הצפה אלא אם נאמר כך בכתב הכמויות ולווח בתוכנית מתאימה.

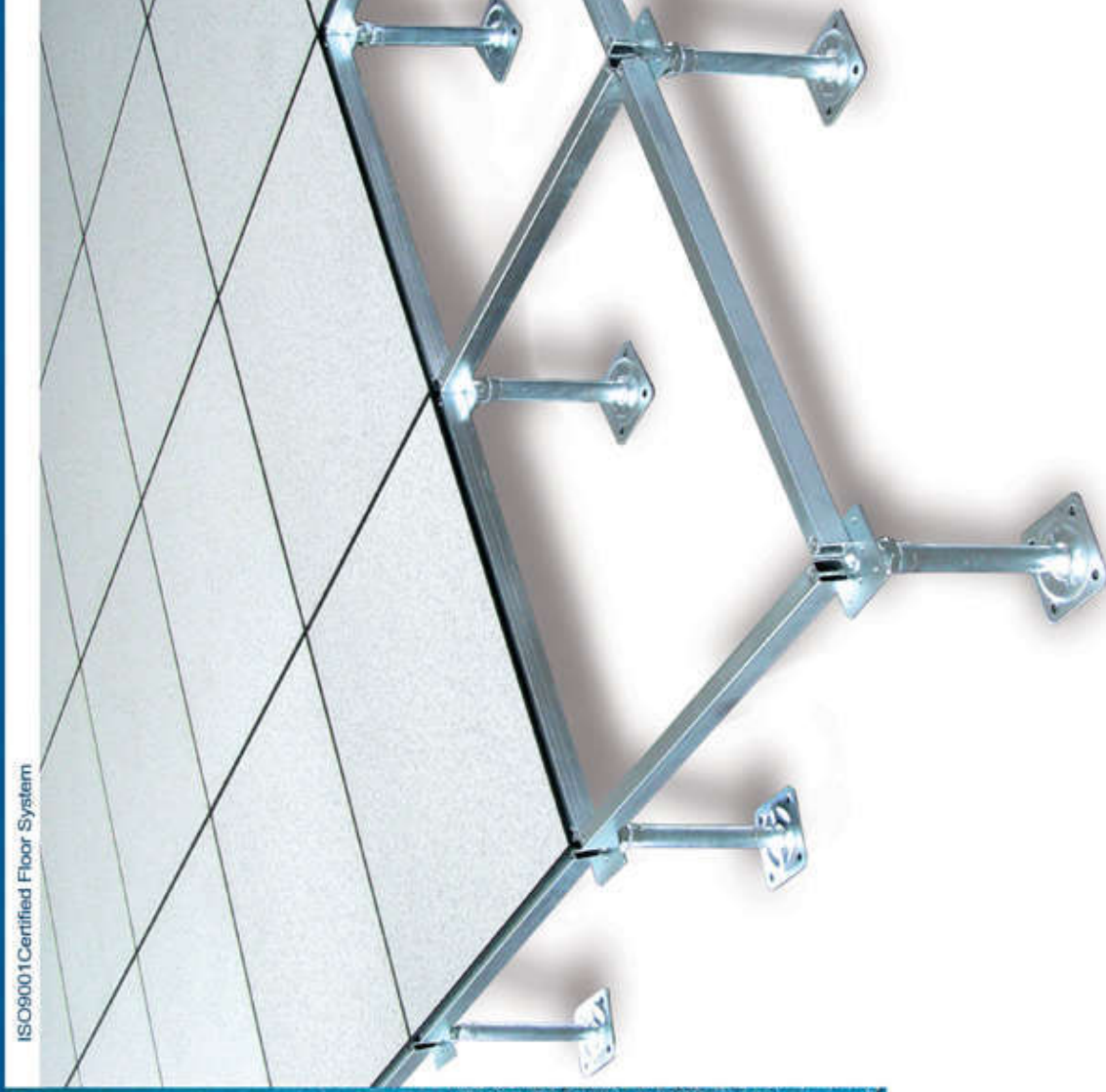
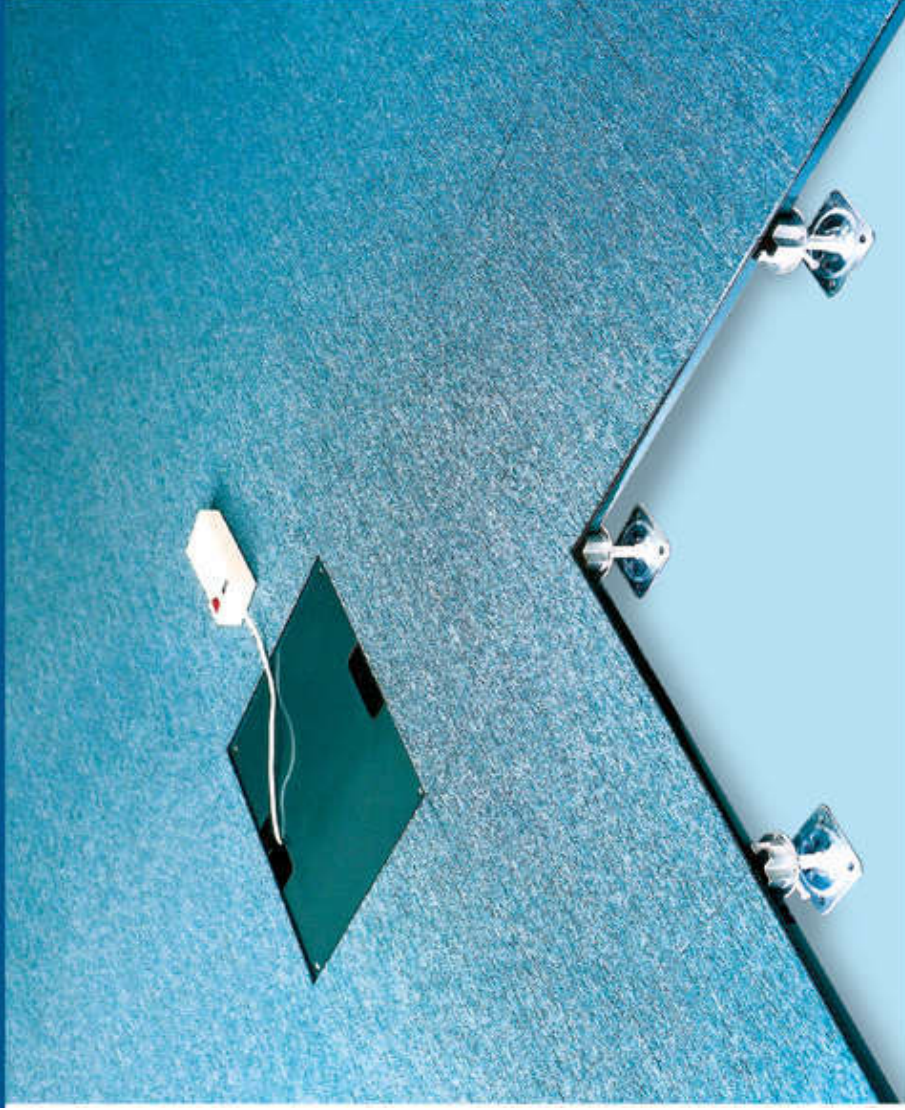




- I Anti-Static Raised Access Floor
- II OA Access Floor
- III Wood Fiber Reinforced Cement Floor
- IV Calcium Sulphate Panel
- V Aluminum Access Floor
- VI ESD-Control Vinyl Floor Covering

Register NO.:1001366

ISO9001 Certified Floor System



HUATONG CREATES AN EFFICIENT, SAFE AND INTELLIGENT OFFICE



The modern office environment is constantly evolving, in order to compete in the global marketplace, where changes rate is increasingly high. Buildings need to be safely adaptable with minimum disruption.

Access floor is flexible for the installation and reconfiguring of services to equipment and workstation. When changes are required above floor, the Huatong system can be moved to where it is needed. A workstation may be relocated with quick cable management changes without disruption to services.

Huatong Access Floor Systems have superior technical capacity and resources to manage major projects. Based on the belief of manufacturing qualified products to serve the society, Huatong is aiming at creating a safer, more efficient and intelligent modern office environment.



FACTORY INTRODUCTION



PANEL MADE PLANT



LARGE PROCESSING EQUIPMENT FOR MOULDS

INTRODUCTION

HUATONG XINLI FLOORING CO.,LTD.

is specialized in raised access floor systems. Over 20 years of innovation has made Huatong Access Floor the definitive source for bringing today's building into the future.

Huatong is the leading manufacturer of access floor in Asia. Huatong manufactures, sales, installs over five million square meters access floor every year. Huatong raised access floor is widely used in office, computer room, clean room and public space.

Across a wide range of sectors within the industry, Huatong's integrated approach to raised access floor system has made them first choice in meeting the specialist needs of wholesalers, architects, developers and owners.

Huatong Access Floor exported all over the world, especially to USA & Japan. On the other hand, Huatong is a producing plant for many famous brands in the world.



ISO9001 CERTIFICATED FLOOR SYSTEM

Job Reference



ShangHai Tower
ShangHai Jinmao Mansion
ShangHai Global Center



The Ministry Of Public Security



Building of China National
Offshore Oil Corp



Petroleum Building China

CCTV



Gugangzhou West Tower



Beijing International Trade
Building



ISO9001 CERTIFICATED FLOOR SYSTEM



▲ Shanghai Ka Wah Center



▲ Shanghai Citi Bank



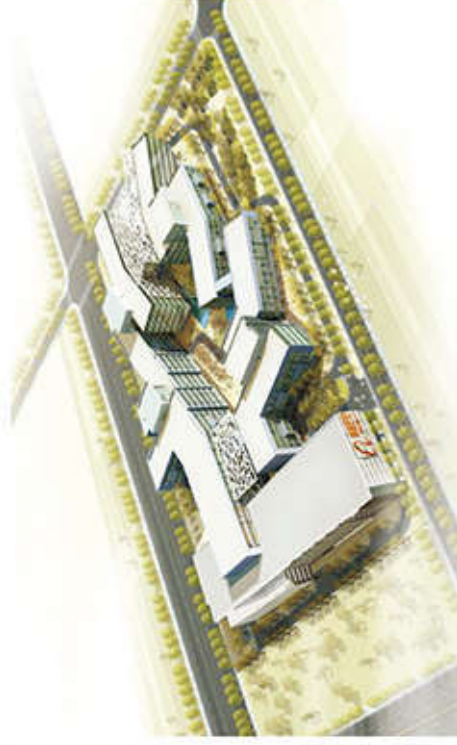
▲ Guangdong Zhujiang Cigarette Building



▲ Shenzhen Kingkey Financial Center



▲ The Chartered Bank



▲ Alibaba HangZhou Headquarter Office Building



▲ Shanghai Plaza 66



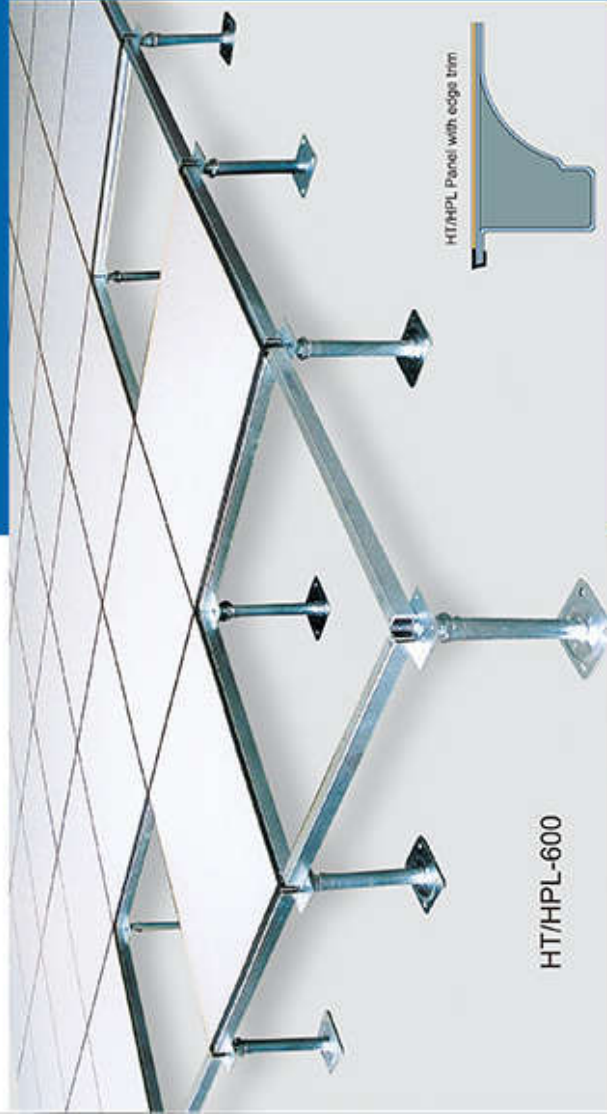
▲ Shanghai Grand Gateway Plaza



▲ Baidu Office Building

ISO9001 CERTIFICATED FLOOR SYSTEM

Anti-static Raised Access Floor



HT/HPL-600

Podestal-3
Specially designed for finished panels below 150mm height as standard pedestals.
Spec: 3.0mm thick * 76mm Square Top Plate
M16 screw
2.5mm Thick * 95mm Square Base Plate



Podestal-3

Podestal-4
Specially designed for finished panels above 150mm height as standard pedestals.
Spec:
Tube 1: 22mm tube * 1.5mm Thick Wall / M16 Screw
Tube 2: 23mm tube * 1.2mm Thick Wall / M20 Screw
Tube 3: 25mm tube * 1.5mm Thick Wall / M22 Screw
Above 3 types of tubes should be available according to your requirements.
Base Plate: 2.5mm Thick * 95mm Square



Podestal-4



Outlet box-1

Outlet box-2

Outlet box-3

Outlet box-4

Outlet box-5

Panel lift

"Hualong" anti-static raised access floor panels are widely used in computer rooms. This access floor system has excellent anti-static performance. It can eliminate the static electricity produced by the computers when they are working and the stability of the computer will be maintained. Thus the life span of the computers will be prolonged. Meanwhile, raised floor panels will greatly facilitate the whole installation. The panels can be put directly on the rigid network system, which is made up of pedestals and stringers. The panel sizes are controlled with great precision, which assures the free interchange between panels. With convenient wire layout and various outlet boxes, the system can optimize the cabling in computer rooms.

Perforated panels



HT/perforated Panel-1
with damper



HT/perforated Panel-2
without damper



HT/perforated Panel-3
without damper

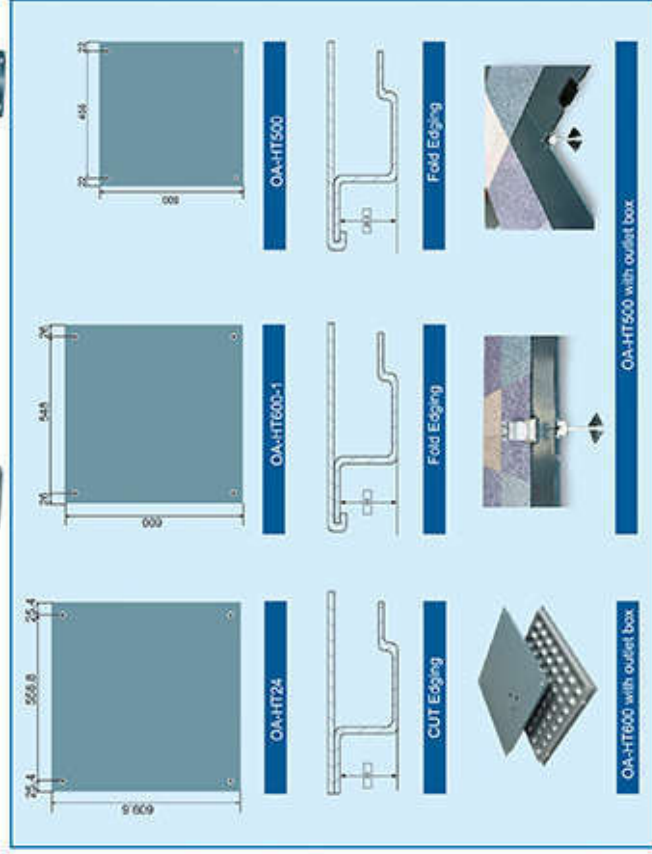
PANEL	ULTIMATE LOAD		CONCENTRATED LOAD						UNIFORM LOAD		IMPACT LOAD		ROLLING LOADS	
			0.100' / 2.5 mm		0.080' / 2.0 mm		10 PASS	10K PASS						
	(lb)	(kN)	(lb)	(kN)	(lb)	(kN)	(lb/m ²)	(Kg)	(lb)	(kN)	(lb.)	(kN)		
CCS 700	2300	10.224	700	3.112	650	2.889	2500	11.113	100	45	650	2.889	450	2.000
CCS 800	2600	11.558	800	3.556	750	3.334	2800	12.447	100	45	750	3.334	550	2.445
CCS 1000	3300	14.669	1000	4.445	800	3.556	3500	15.558	150	68	800	3.556	600	2.667
CCS 1200	3600	16.092	1200	5.337	1000	4.445	4000	17.761	150	68	1000	4.445	800	3.336
CCS 1500	5000	22.226	1500	6.668	1250	5.557	5200	23.115	150	68	1250	5.557	1000	4.445
CCS 2000	6000	26.672	2000	8.891	1500	6.668	6200	27.561	175	79	1500	6.668	1200	5.334

ISO9001 CERTIFICATED FLOOR SYSTEM

OA Access Floor Panels



"HUATONG"OA access floor panels are specially designed for modern office buildings. The application of these panels will create a more comfortable, neat and efficient office environment. The panels can be easily installed onto the aluminum head pedestals. The panel assures the free interchange between panels. With convenient wire layout and various outlet boxes, the system will optimize the cabling



Pedestal-1

Pedestal-1
Special designed for America 24" panel systems. Widely used as standard or border pedestals.
Spec.: 4.0mm Thick * 3.25" square Top Plate
3/4-10 Screw
22mm Square Tube * 1.5mm Thick Wall
3.5mm Thick * 4.15"16" Square Base Plate



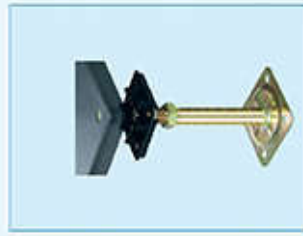
Pedestal-2

Pedestal-2
Special designed for 600mm panel systems. Used as standard pedestals.
Spec.: Die-casting Aluminum head M16 Screw
2.5mm Thick * 95mm Square Base Plate



Pedestal-3

Pedestal-3
Special designed for 600mm and 500mm panels. Used as standard or border pedestals.
Spec.: 3.0mm Thick * 76mm Square Top Plate
M16 Screw
2.5mm Thick * 95mm Square Base Plate



Pedestal-4

Pedestal-4
Special designed for 600mm and 500mm panels. Used as standard or border pedestals.
Spec.: 3.0mm Thick * 76mm Square Top Plate
Tube 1: 22mm tube * 1.5mm Thick Wall / M16 Screw
Tube 2: 23mm tube * 1.2mm Thick Wall / M20 Screw
Tube 3: 25mm tube * 1.5mm Thick Wall / M22 Screw
Above 3 types of tubes should be available according to your requirements.
Base Plate: 2.5mm Thick * 95mm Square



Pedestal-5

Pedestal-5
Special designed for 500mm panels. Used as standard pedestals.
Spec.: Die-casting Aluminum head M16 Screw
2.5mm Thick * 95mm Square Base Plate



Pedestal-6

Pedestal-6
Special designed for 500mm panels. Used as standard pedestals.
Advantages: Convenient for panel installation. One screw to lock four pieces of panels.
Spec.: Die-casting Aluminum head M16 Screw
2.5mm Thick * 95mm Square Base Plate

Calcium sulphate panel

General Information

- Panel dimensions: 600mm x 600mm x 30mm thick
- Material: Calcium Sulphate, mineral, etc
- Four sides are protected by edge trim
- Stringer is connected to pedestal head with screws and pedestal is stuck to the ground

Covering Options

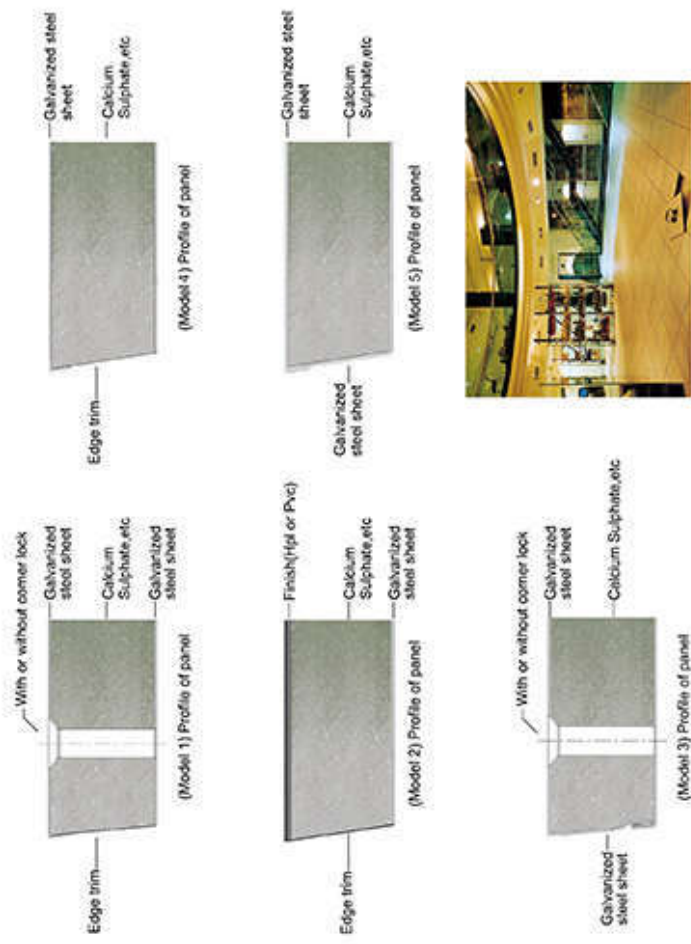
- Plastic(Conductive) finish
- Galvanized steel finish
- HPL finish

Appalcation Area

- Calcium sulphate panels with plastic finish and galvanized steel finish are applicable in offices with the finished floor height from 80mm to 200mm.
- Calcium sulphate panel with HPL finish is applicable in computer rooms with the finished floor height from 150mm to 600mm.



HT/Calcium sulphate panel 600



TYPE	THICKNESS (mm)	CONCENTED LOAD		UNIFORMLOAD	
		(Lb)	(Kn)	(Lb/m ²)	(Kn/m ²)
Heavy Duty	30	1250	5. 557	4000	17. 781
Sive	600×600±0. 3mm				
Flatness	≤0. 5mm				




Certificate of Approval

Certificate No.: 089211Q

Awarded to

Changzhou Huatong Xinli Flooring Co., LTD.

Industrial Park of Zheng Village, Yaoguan Town, Wujin District, Changzhou, Jiangsu

Has established a Quality Management System which is in Accordance with the Requirements of the Standard:

GB/T19001-2008/ISO9001:2008

SCOPE OF CERTIFICATION

Design, Development, Manufacture, Installation and Relevant Service of Anti-Static All-Steel Raised Floor Panels, OA Access Floor Panels, Calcium Sulphate Raised Floor Panels, Aluminum Alloy Raised Floor Panels and PVC Floor Tiles, GRC Flooring and Computer Room Decorative Ceiling

Validity of Certification: Jun. 4, 2013 To: Jun. 3, 2016

The effectiveness of this Certificate shall be validated by periodic surveillance audit of EWC for maintenance.

This Certificate will not be in force unless qualified identification is stuck thereunder by EWC within appropriate time limit

Feb. 2014 To Oct. 2014	Nov. 2014 To Jul. 2015	Aug. 2015 To Jun. 3, 2016
Stuck	Stuck	Stuck

Conditions on effectiveness of certificate see <http://www.ewqcc.org>

EWC:





020102

Ever Win Quality Certification Center, No.4,Chengongzhuang St, Xiecheng District, Beijing



Certificate of Occupational Health and Safety Management System

Certificate No.: 089211S

Awarded to

Changzhou Huatong Xinli Flooring Co., LTD.

Industrial Park of Zheng Village, Yaoguan Town, Wujin District, Changzhou, Jiangsu

*Has established a Occupational Health and Safety Management System
which is in Accordance with the Requirements of the Standard:*

GB/T28001-2011
OHSAS18001:2007

SCOPE OF CERTIFICATION

**The Occupational Health and Safety Management Activities Related to
Manufacture and Sale of Anti-Static All-Steel Raised Floor Panels, OA
Access Floor Panels, Calcium Sulphate Raised Floor Panels, Aluminum
Alloy Raised Floor Panels and PVC Floor Tiles**

Validity of Certification: Nov. 27, 2012 To: Nov. 26, 2015

*The effectiveness of this Certificate shall be validated by periodic surveillance audit of EWC for maintenance.
This Certificate will not be in force unless qualified identification is stuck thereunder by EWC
within appropriate time limit*

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">May 2014</td> <td style="width: 50%;">To</td> </tr> <tr> <td style="width: 50%;">Jan. 2015</td> <td style="width: 50%;">Stuck</td> </tr> </table>	May 2014	To	Jan. 2015	Stuck	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Feb. 2015</td> <td style="width: 50%;">To</td> </tr> <tr> <td style="width: 50%;">Nov. 26, 2015</td> <td style="width: 50%;">Stuck</td> </tr> </table>	Feb. 2015	To	Nov. 26, 2015	Stuck
May 2014	To									
Jan. 2015	Stuck									
Feb. 2015	To									
Nov. 26, 2015	Stuck									

Conditions on effectiveness of certificate see <http://www.ewqcc.org>

EWC: 




Ever Win Quality Certification Center, No.4, Chegongzhuang St, Xicheng District, Beijing



Test Report No. S08MEC00473/1/LLW
dated 5 Feb 2008


 PSB Singapore

 Choose certainty.
 Add value.

Note: This report is issued subject to TÜV SÜD PSB's "Terms and Conditions Governing Technical Services".
The terms and conditions governing the issue of this report are set out as attached within this report.

SUBJECT
Testing of Access Flooring System
• Uniform Distributed Load

TESTED FOR
CHANGZHOU HUATONG XINLI FLOORING CO., LTD.
常州华通新立地板有限公司

ZHENGUN INDUSTRIAL PARK,
YAOGUAN WUJIN, JIANGSU, CHINA
Attn: Mr. Xu Hongnan

TEST METHODS
MOB PF2 PS: 1992 "Platform Floors (Raised Access Floors) Performance Specification"

SAMPLE DESCRIPTIONS

• Access Floor Model Name:	Huatong FS800 (Refer to Photo 1)	
Measured weight:	33.3lbs	(15.1Kg)
• Pedestal Assembly (Refer to Photo 2)		
FFH:	3.94"	(100mm)
Measured Tubular column size:	0.61"	(15.4mm)
Measured Lock screw size:	0.24"	(6mm)
Measured Casted Pedestal head size:	3.2" x 3.2"	(81mm x 81mm)
Measured Pedestal base plate size:	3.7" x 3.7" x 0.09" thk	(95mm x 95mm x 2.4mm thk)

Photo 1, 2 shows the panel, pedestal assembly respectively.


 Photo 1-Panel


 Photo 2-Pedestal

DATE SUBMITTED
18 Jan 2008


 PSB TEST
Your Peace of Mind
 Laboratory:
 TÜV SÜD PSB Pte. Ltd.
 Testing Services
 No.1 Science Park Drive
 Singapore 118221




Regional Head Office:
 TÜV SÜD Asia Pacific Pte. Ltd.
 3 Science Park Drive, #04-01/05
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TÜV®

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 Testing Services
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 3 Science Park Drive, #04-01/05
 The Franklin, Singapore 118223
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Page 1 of 3



LEED INFO SHEET

Overview of the LEED Certification

LEED is an internationally recognized certification system that measures how well a building or community performs across all the metrics that matter most: energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

Developed by the U.S. Green Building Council (USGBC), LEED provides building owners and operators a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.

Although LEED is comprised of 5 core and 1 bonus category, flooring products typically only play a role in 2 core credit categories: Materials & Resources and Indoor Environmental Quality. This document has been designed to help explain the requirements of the credits and provide a description of how HuaTong products may contribute to these credits.

LEED Products

LEED-NC 2.2 (New Construction & Major Renovation) Released 2007 Third Edition

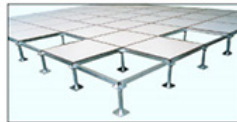
The LEED for New Construction Rating System is designed to guide and distinguish high-performance commercial and institutional projects, including office buildings, high-rise residential buildings, government buildings, recreational facilities, manufacturing plants and laboratories.

LEED-CI 2.0 (Commercial Interiors) Released 2005 Second Edition

The LEED for Commercial Interiors Rating System (LEED-CI) provides a set of performance standards for certifying tenant projects with the USGBC. The intent of LEED-CI is to assist in the creation of high performance, healthful, durable, affordable and environmentally sound commercial interiors.

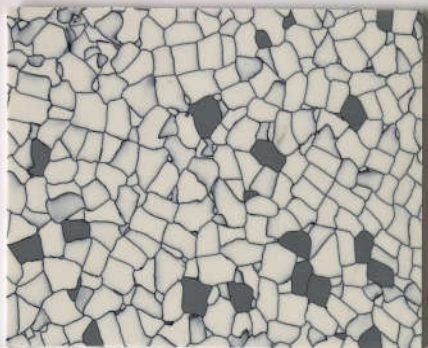
HuaTong Products

HuaTong is committed to environmental concepts and goals. We are strengthening our environmental performance by committing to three basic principles: conserving energy, managing waste, and reclamation and recycling. We have set goals and measurements in each of these areas. Working with customers, employees, and suppliers, our objective is to become a leading advocate for improving and preserving the environment. As new standards and emerging technologies become available, Huatong will continue to review our products and the environmental attributes that they provide our clients.

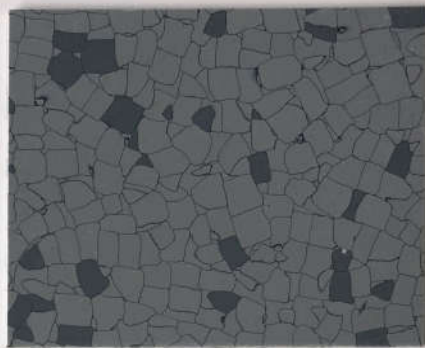


HUATONG

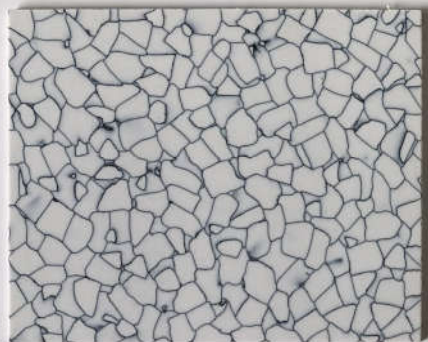
HUATONG导电型地砖及静电耗散型地砖
尺寸:600mm×600mm 正方形
表面光泽:亮
Conductive Tile, Static-Dissipative Tile
SIZE: 600mm × 600mm micro-squared
SURFACE GLOSS: shiny



HT001



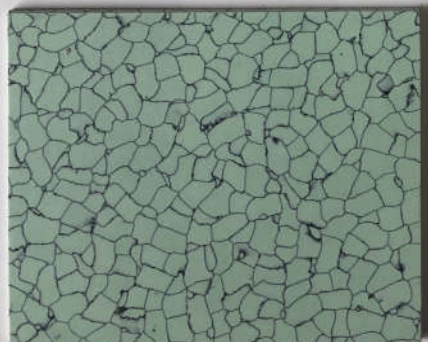
HT002



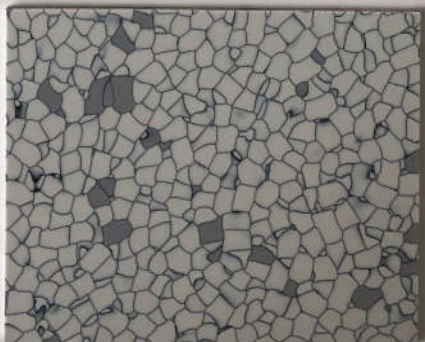
HT003



HT004



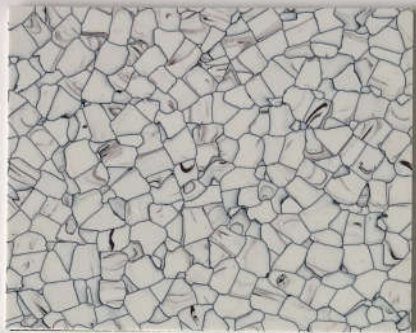
HT005



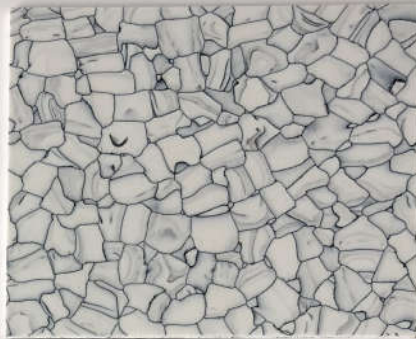
HT006

HUATONG

HUATONG导电型地砖及静电耗散型地砖
尺寸: 600mm×600mm 正方形
表面光泽度
Conductive Tile, Static-Dissipative Tile
SIZE: 600mm × 600mm micro-squared
SURFACE GLOSS: shiny



HT007



HT008



HT009



HT010



HT011



HT012



המעבדה לחומרי בניין

מכון התקנים הישראלי

תעודת בדיקה מס' 9511919071
בהתאם לסעיף 12 לחוק התקנים תשי"ג - 1953

פרטי ההזמנה

שם המזמין: פדסטל מערכות בניה בע"מ
מענו: עקיבא 96 רעננה 0043623
תאריך הזמנה: 07/12/2015

תאור המוצר

דוגמת אריח מבטון ומתכת עם ציפוי בגוון אפור המכונה ע"י המזמין: אריחי רצפה צפה בחיפוי PVC דגם CCSI000 תוצרת HUATONG, סין.
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פרטי הנטילה

הדוגמה ניטלה בתאריך: 07/12/2015
הדוגמה נבחרה ע"י בא כוח: המזמין
מקום הנטילה: אין מידע

מהות הבדיקה

קביעת דרגת התלקחות וציפיות עשן ע"פ סעיפים 3.3.5 ו-3.4 של ת"י 755, דצמבר 2010: "תגובות בשרפה של חומרי בנייה - שיטות בדיקה וסיווג". (*) החומר נבדק ע"פ סעיף 3.3.5 מאחר והוא משמש לשכבת גימור על הרצפה. שיטת הבדיקה כמתואר במסמך של האגודה האמריקנית לבדיקות ולחומרים ASTM E 648-06a.

תעודה זו מכילה 3 דפים ואין להשתמש בה אלא במלואה.	תוצאות הבדיקה במסמך זה מתייחסות רק לפריט שנבדק.
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א. סיכום

הדוגמה הני"ל שנבדקה, סווגה לפי אמות המידה של ת"י 755 (2010) כדלהלן:
דרגת התלקחות - C ₄ (סי ארבע)
דרגת ציפיות עשן - 4 (ארבע)

(ראה פרטים בגוף התעודה)

שם החותם: ד"ר דיכרדו גורה

תפקידו: ראש ענף בטיחות אש

שם החותם: רועי ספר

תפקידו: מהנדס מכון

תאריך: 05/01/2016



המעבדה לחומרי בניין

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תעודת בדיקה מס' 9511919071

דף מס' 2 מתוך 3 דפים

ב. תיאור הדוגמה

- דוגמת אריח מבטון ומתכת עם ציפוי בגוון אפור המכונה עיי המזמין: אריחי רצפה צפה בחיפוי PVC דגם CCS1000 תוצרת HUATONG, סין.
- מידות הדוגמה: כ- 61 X 22 ס"מ ובעובי מקסימאלי של כ- 36 מ"מ.
- מסה ליחידת שטח: כ- 45482 גר"/מ"ר.

ג. ממצאי הבדיקה

סעיף 3.3.1.4 - בדיקה לקביעת הסיווג של חומר בנייה המשמש לשכבת גימור על הרצפה

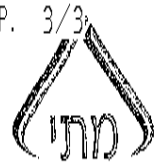
מספר דוגמה	משך הבדיקה [min]	התפשטות האש [mm]	שטף חום קריטי $[W/cm^2]$	שטף חום קריטי ממוצע $[W/cm^2]$
1	11.0	50	1.33	1.30
2	15.0	60	1.29	
3	15.0	60	1.29	

- סטיית תקן של תוצאות הבדיקה: 0.12
- מקדם השונות של תוצאות הבדיקה: 9.2 %

סעיף 3.3.5 - סיווג חומרי בנייה המשמשים לשכבת גימור על הרצפה

מסווגים את החומר לפי תגובות המוצר לעוצמת הקרינה בתחום, שעד אליו הגיעה התפשטות האש, כמפורט בטבלה הבאה.

חסינוג	עוצמת הקרינה
C ₁	אינה גדולה מ- 0.15 וט לסמ"ר
C ₂	גדולה מ- 0.15 וט לסמ"ר ואינה גדולה מ- 0.22 וט לסמ"ר
C ₃	גדולה מ- 0.22 וט לסמ"ר ואינה גדולה מ- 0.45 וט לסמ"ר
C ₄	גדולה מ- 0.45 וט לסמ"ר



המעבדה לחומרי בניין

מכון התקנים הישראלי

דף מס' 3 מתוך 3 דפים

תעודת בדיקה מס' 9511919071

סעיף 3.4 - צפיפות עשן

בליעת אור מרבית: 6.2% - דרגה 4 (ארבע).

ד. הערה

הנחיות לשימוש בחומרים דליקים ולהתקנתם בבניינים, מופיעות בתקן הישראלי ת"י 921 (2011) "תגובות בשריפה של חומרי בנייה".

תל אביב / 05/01/2016

ALUMINUM DIE CASTED

RAISED ACCESS FLOOR SYSTEMS

For Clean Room, Server Room, Data Center, Office Building



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Corporate Mission & Values

Mission

Strive to contribute to the creation of a future where the aspirations of the people can be fulfilled.

Values

Build trust with fairness and humility.

Aspire to set high standards and to contribute to society.

with more than 15years' experience in raised access floor manufacturing, installation and development with diversified materials such as all steel, wood core steel, aluminum die casted products. As a company that handles aluminum, which is environmentally-friendly and a valuable resource and can also be recycled from scrap. We will do our utmost for the preservation of the global environment by recycling resources, bearing in mind our social responsibility.

Strength, Precision and Durability

to meet the needs of individual customers worldwide.

We aim to offer products and services that give satisfaction and bring pleasure to our customers by providing the high quality products as efficiently as possible using top-class technology and equipment and abundant know-how



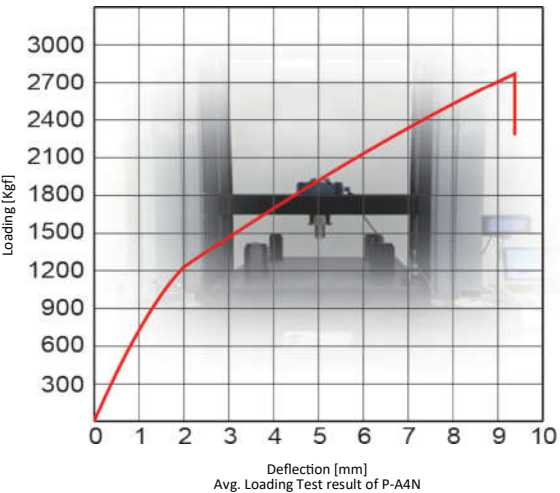
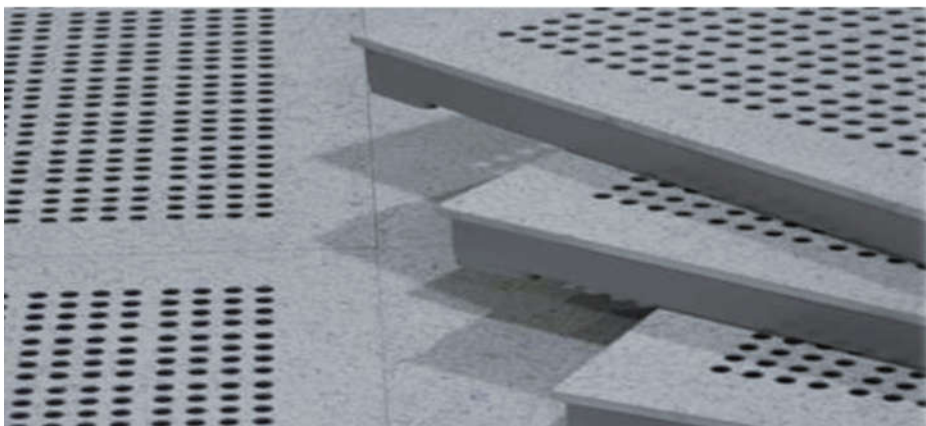
Perforated Panel

The perforated panel provides all the features and available options of our solid panels with the addition of either 1,296 and 1,024 chamfered holes to provide a 18 to 22% open area for airflow requirements in both cleanroom and data center.



Features and Benefits

- Existing solid panels can be refitted to perforated panels by applying ventilation openings with standard drilling and press process.
- Completely interchangeable with solid and grating panels.
- Wide variety of finishing materials.
- Non-combustible material.
- Semi-permanent usage though recycling.



PERFORATED PANELS

Series	Model	Dimension&Thickness without finish materials	Open Ratio	Concentrated Load @ 1/2 Edge point	Ultimate Load @ 1/2 Edge point	Finishing Materials
600	A3L	□ 600mm X t39 ~ t48mm	18%~22%	500kgf	1250kgf	<div>PVC Tile</div> <div>Conductive tiles.</div> <div>Static Dissipative tiles.</div> <div>E-coating</div> <div>Black, Silver color-options.</div> <div>Epoxy powder</div> <div>ESD epoxy powder coat in gray, black and ivory color options.</div> <div>Normal epoxy powder-coat in various color-options.</div> <div>Ni-Cr Plating</div>
600	A3N	□ 600mm X t39 ~ t48mm	18%~22%	600kgf	1500kgf	
600	A4L	□ 600mm X t44 ~ t48mm	18%~22%	800kgf	1900kgf	
600	A4LS	□ 600mm X t44 ~ t48mm	18%~22%	800kgf	2000kgf	
600	A4N	□ 600mm X t48mm	18%~22%	1000kgf	2200kgf	
600	A4M	□ 600mm X t48mm	18%~22%	1200kgf	2300kgf	
600	A4E	□ 600mm X t48mm	18%~22%	1400kgf	3200kgf	
600	A4U	□ 600mm X t48mm	18%~22%	1700kgf	3800kgf	
600	A4US	□ 600mm X t48mm	18%~22%	2000kgf	4000kgf	
610(24")	A2N, A2E	□ 24"(609.6mm) X t48mm	18%~22%	2200lbs, 3000lbs	4600lbs, 6400lbs	

※ Specification shall be changed for quality improvement.

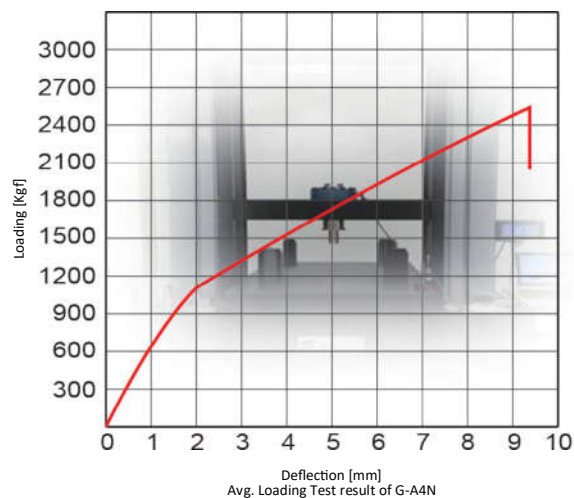
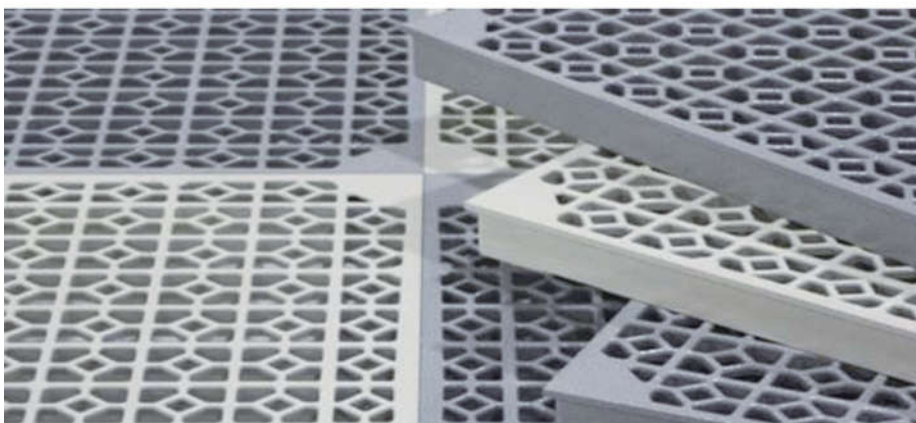
Grating Panel

The grating panels provide all the features and available options of our solid and perforated panels with the addition of 51% maximum air open areas for use in air-return, server rooms and data centers areas.



Features and Benefits

- Completely interchangeable with solid and perforated panels for maximum room configuration and air-balancing flexibility.
- Manufactured with the highest precision.
- Easy-to-use unique materials for subsequent cut-outs.
- Can be powder-coated in a wide variety of colors.
- Non-combustible material.
- Semi-permanent usage though recycling.



GRATING PANELS

Series	Model	Dimension&Thickness without finish materials	Open Ratio	Concentrated Load @ 1/2 Edge point	Ultimate Load @ 1/2 Edge point	Finishing Materials
600	A4N	□ 600mm X t50mm	51%	1000kgf	2200kgf	<u>E-coating</u> Black, Silver color-options. <u>Epoxy powder</u> ESD Epoxy powder coat. <u>Ni-Cr Plating</u>
610(24")	A2N	□ 24"(609.6mm) X t50mm	51%	2200lbs	4600lbs	

※ Specification shall be changed for quality improvement.

Aluminum Pedestal

The aluminum pedestal is used in applications where a non-ferrous materials is required. The pedestal assemblies are compatible with all of our flooring products including solid, perforated and grating panels. The type of pedestal is chosen based on finished floor height and floor loading conditions.

Features and Benefits

- Can be easily cut on site.
- Non-ferrous materials.

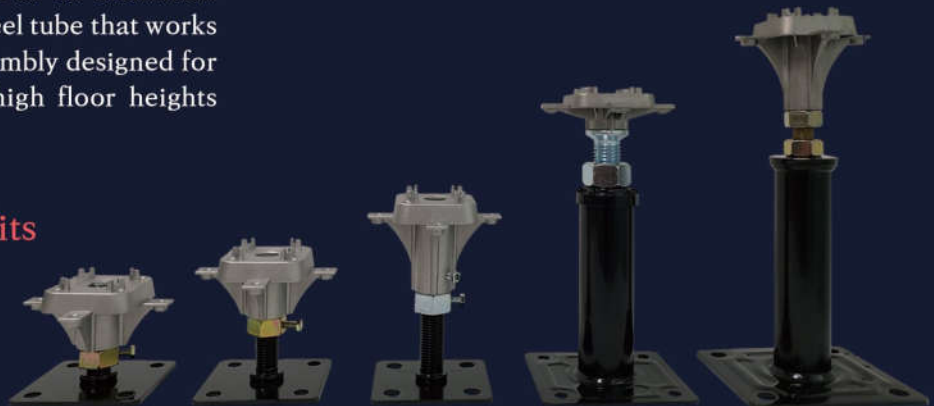


Steel Pedestal

The steel pedestal consists of an aluminum head with steel stud and steel tube that works with a steel base plate assembly designed for highly seismic locations, high floor heights and heavy loading.

Features and Benefits

- For extreme seismic
- For high floor heights
- For heavy loading



Material	Type	FFH (mm)	Dimension (mm)	Axial Load	Finish
All Aluminum	S/D	250 ~ 600	□ 100(Base) + Ø33(Tube) + M25(Bolt) + One Nut + Al. Head	4,300kgf (9,500lb)	*Aluminum Bare *E-Coat
	H/D	600 ~ 1000	□ 150(Base) + Ø50.7(Tube) + M25(Bolt) + One Nut + Al. Head	5,890kgf (13,000lbs)	*Epoxy powder coat
Steel Base with Aluminum Head	L/D	150 ~ 250	□ 100(Steel Base) + M16(Steel Bolt) + One Nut + Al. Head	7,700kgf (17,000lbs)	*Aluminum Bare *E-Coat
	S/D	150 ~ 600	□ 150(Steel Base) + Ø33.1(Steel Tube) + M16~M20(Steel Bolt) + 1Nut + Al. Head	9,500kgf (21,000lbs)	*Epoxy powder coat
	M/D	600 ~ 800	□ 150(Steel Base) + Ø48.6(Steel Tube) + M20~M24(Steel Bolt) + 1Nut + Al. Head	9,920kgf (22,000lbs)	
	H/D	800 ~ 1200	□ 170(Steel Base) + Ø48.6(Steel Tube) + M22~M24(Steel Bolt) + 1Nut + Al. Head	10,800kgf (24,000lbs)	
	E/D	1200 ~ 1500	□ 200(Steel Base) + Ø60.5(Steel Tube) + M24(Steel Bolt) + 1Nut + Al. Head	11,800kgf (26,000lbs)	

※ Specification shall be changed for quality improvement.

View Panel

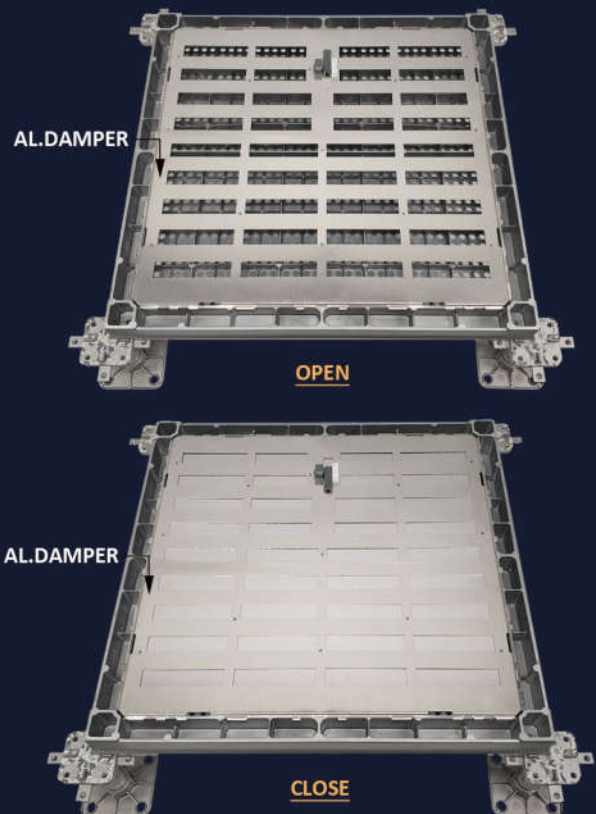
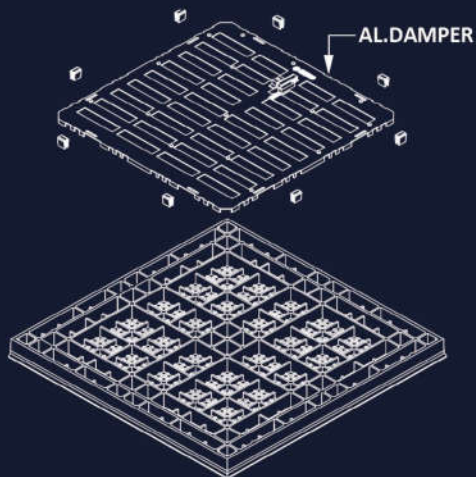
Solid Panel can be fitted with an acrylic cover to enable quick and handy access to equipment devices located under the raised floor.



Aluminum Damper

Perforated and grating panels can be fitted with aluminum dampers.

This unique damper system allows uniform balancing of air throughout the room or around workstations and manufacturing tools.



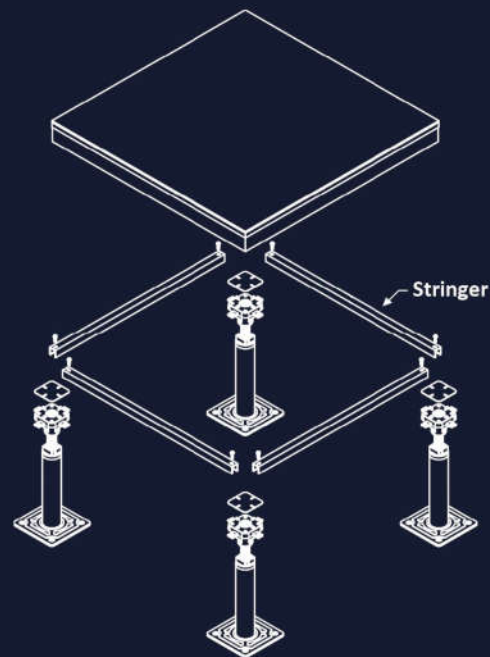
Stringers (Al. / Steel)

Our aluminum stringers are made with extruded aluminum (steel stringers are galvanized steel profile) and designed to fit 600mm and 24" (610mm) systems. The stringers are used to provide lateral support only and are not intended to improve the vertical load carrying capacity of the panels.

The stringers do not establish the system spacing as the holes in the stringer tops are slightly slotted, allowing the stringers to conform to the size of the panels.

Features and Benefits

- Available for 600mm and 24" systems.
- Designed for seismic environments.

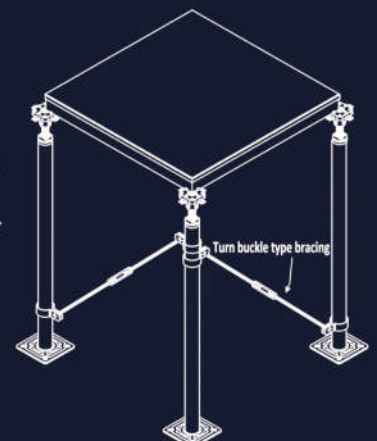
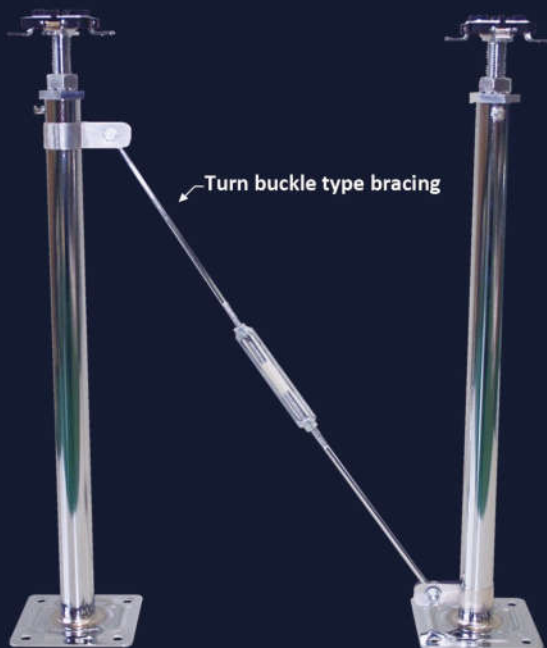


Bracings (Al. / Steel)

Additional strengthening of the substructure, particularly along the perimeter lines, in the form of additional bars or threaded rods which are clamped onto the base at an angle and mechanically fastened to the concrete slab by anchor bolts or between pedestals to inhibit movement when the floor has to cope high horizontal loads. This bracing of the floor system is installed for heavily loaded areas such as tool move-in paths, heavy machine areas and seismic activity regions.

Features and Benefits

- Convenient installation
- Economical price and convenient replacement and maintenance.
- Applicable to existing raised floor systems.
- Handy installation at points of the system.



Corner Locked

This corner-lock system is used in area where firmness and complete access are required. The panels are fastened to the pedestal head using a fixing screw which completely interconnects the raised access floor system laterally and vertically.

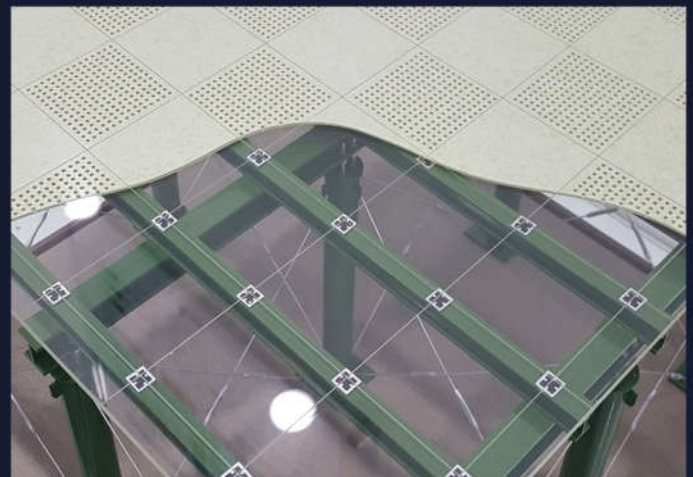
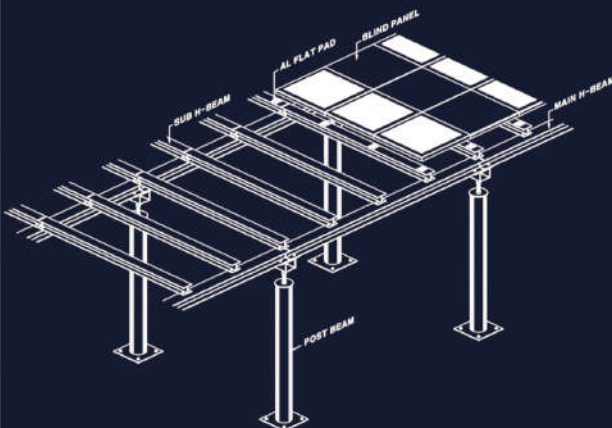


Understructure (Post type)

We have basically three type of understructure system with sizes of 1200, 1800, 2400mm spans. The drawing below with the upper(sub-beam) and lower(main-beam) beams can be coated with e-coating or epoxy powder. The base of the post can be attached to the sub-floor with anchor bolts and the upper and lower beams are fastened with steel plates and bolts.

Features and Benefits

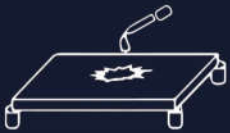
- Height range : 600mm to 2500mm
- Variable distance between steel posts.



Chemical resistance result (PVC, Coat, Plate)

*Remarks : ◎ No change ● Discolor △ Alteration(No harmful)

Series	Test Method	(HF) 50%	(KOH) 30%	(H ₂ O ₂) 30%	(H ₂ SO ₄) 50%	(HCl) 35%	(HNO ₃) 50%	(H ₃ PO ₄) 50%
LG PVC tile	In 5min.	◎	◎	◎	◎	◎	◎	◎
	In 24hr.	●	◎	◎	●	△	△	△
Tajima OG tiles	In 5min.	◎	◎	◎	◎	◎	◎	◎
	In 24hr.	●	●	△	△	△	△	△
Epoxy Powder	In 5min.	◎	◎	◎	◎	◎	◎	◎
	In 24hr.	△	◎	●	◎	●	◎	◎
Ni-Cr Plating	In 5min.	◎	◎	◎	◎	◎	◎	◎
	In 24hr.	●	●	△	◎	●	●	◎



- Put three(3) drops on the surface of vinyl tile (A drop=0.5cc)
- Check all the chemical reactions in 5min. and 24hr.

Comparison table (Aluminum panel VS. Steel panel)

◎ Great ● Good △ Not bad × Bad

Items	Check Point	Aluminum Die casted Panel		Hollow Steel Panel		Solid Steel Panel	
Performance	Loading	◎	Great	●	Good	●	Good
	Ralling-load	◎	Great	△	Not bad	●	Good
	Non-Combustibility	◎	Great	◎	Great	◎	Great
Maintenance (Installation)	Weight	◎	Great	△	1.5 times as much as aluminum panel	×	twice as much as aluminum panel
	Cutting-off	◎	Great	×	Bad	×	Bad
	Life Time	◎	Semi-permanent	△	to be corroded up to coated & plated	△	to be corroded up to coated & plated
Environment- friendly	Recycling	◎	Great	◎	Great	×	Due to composite materials
	Building load bearing structure	●	Good	△	Not bad	×	Bad
	Intrinsic value	◎	Great	◎	Great	×	Due to composite materials

LG PVC tile color options

LG ESD vinyl tile is a high-performance flooring system that you can rely on. Reducing the generation of electrostatic charges is the main purpose of control measures in ESD protected areas (EPA).

In such areas like electronics assembly, data center and mechatronics the right floor covering plays a crucial roles.

It does not only drain electrostatic charges from person and equipment, but it also reduces the generation of charges there where they occur, at the interface between the shoe soles and the floor.



C6101/SD6101 ►

Electrical properties

- Conductive : 2.5×10^4 to 10^6 ohms by 100V
- Static Dissipative : 10^6 to 10^8 ohms by 100V



C6111/SD6111



C6005/SD6005



C601/SD601



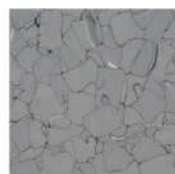
C6200/SD6200

Features and Benefits

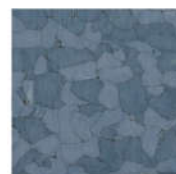
- Consistent and stable electrical properties.
- Phthalate FREE plasticizer.
- Heavy Metal FREE.
- Life time conductivity warranty.
- Unique dimensional stability.
- Resistance to heavy load.



C6001/SD6001 ►



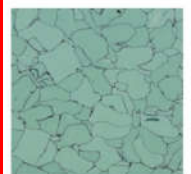
C6062/SD6062



C6092/SD6092



C6072/SD6072



C6082/SD6082

FORBO PVC tile color options (Colorex)



SD 150201/EC 250201
everest



SD 150203/EC 250203
kilimanjaro



SD 150204/EC 250204
montblanc



SD 150202/EC 250202
ivory



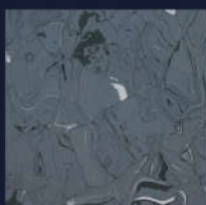
SD 150206/EC 250206
moonstone



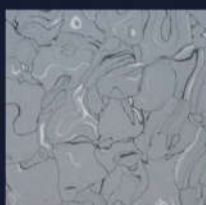
SD 150205/EC 250205
adula



SD 150240/EC 250240
etna



SD 150208/EC 250208
granite



SD 150207/EC 250207
quartz

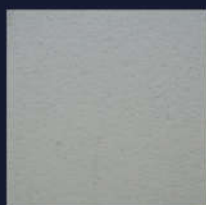
Electrical properties

- Conductive
: 5.0×10^4 to 10^6 ohms by 100V
- Static Dissipative
: 10^6 to 10^8 ohms by 100V

Tajima tile color options (Anti Static-C)



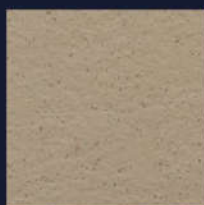
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No.18



No.1



No.34



No.35



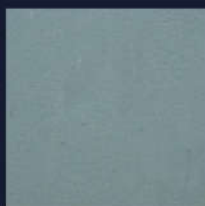
No.61



No.29



No.38



No.14

Electrical properties

- Surface resistance
: Less than 5.0×10^8 ohms
- Volume resistance
: Less than 1.0×10^8 ohms

Aluminum Scraps

Energy required for recycling 97% energy saving.

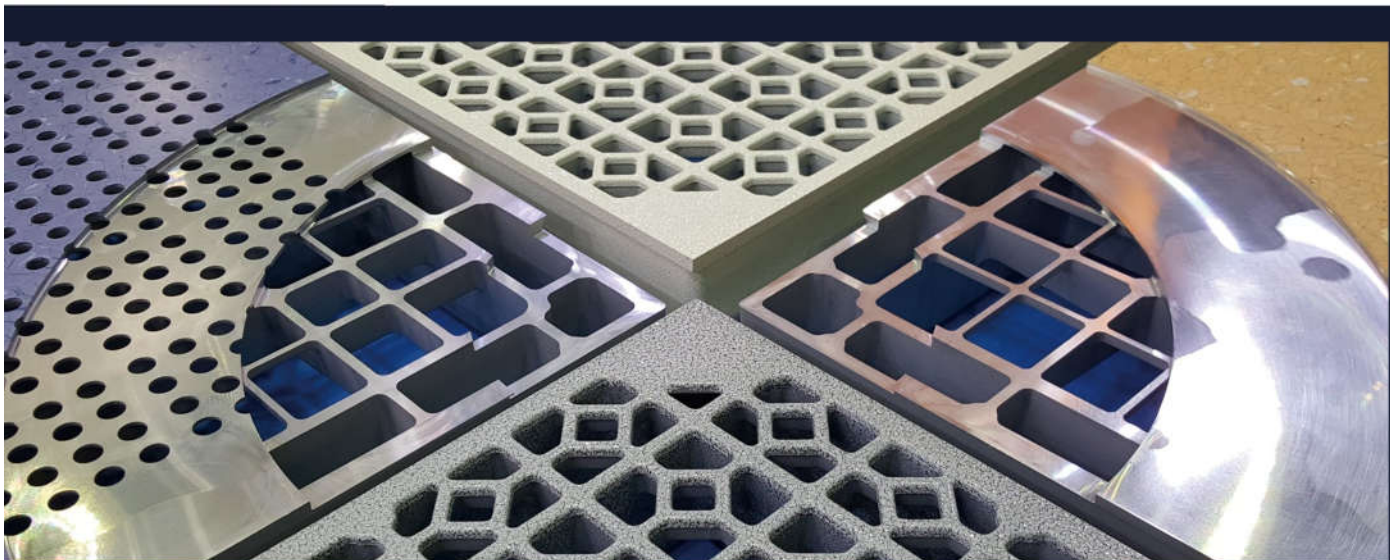


It is the basis of our manufacturing that we never forget global resources and the environment.



Aluminum Ore : Bauxite

Energy required for producing primary ingots 100%



The intrinsic value of aluminum ingots

Our aluminum die casted products are efficiently being produced using top-class equipment systems and skilled engineers.

We are actively seeking to reduce costs and improve productivity while maintaining high quality also will contribute to global environment preservation through aluminum recycling.





ZIP ENC Co., Ltd.
Creating Better Environments

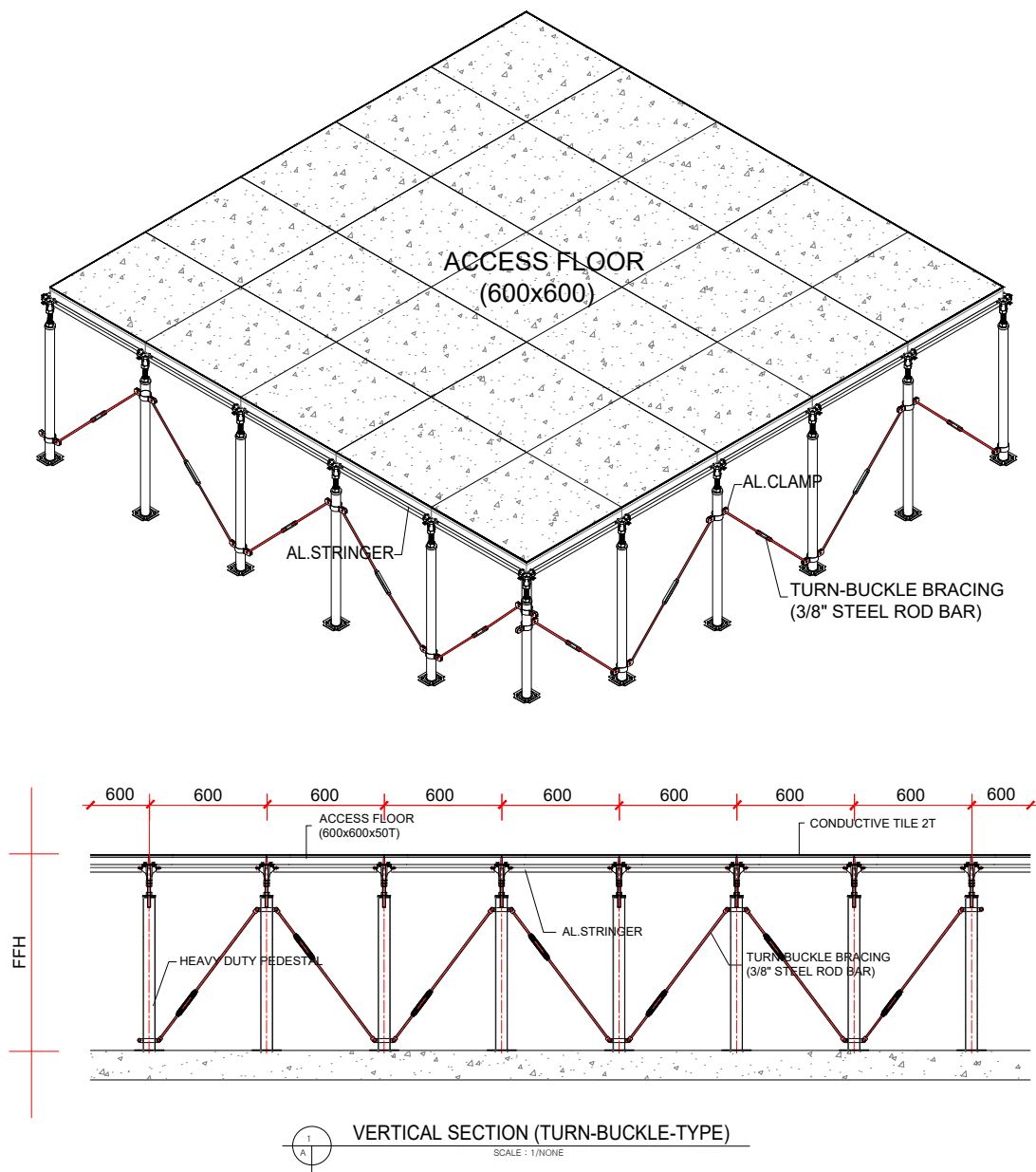
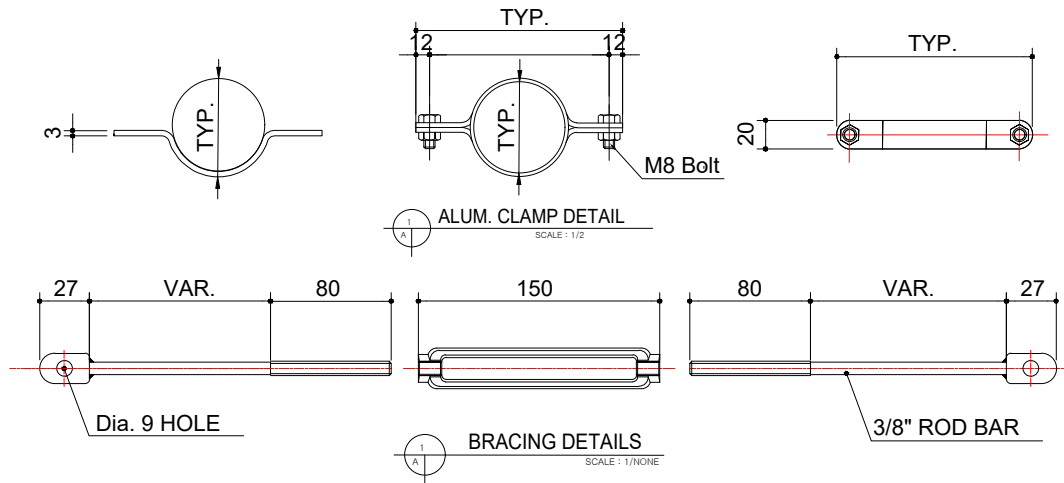
Specifications and other descriptions in this catalog are subject to change without notice.

OFFICE

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Hotline : +82-10_6303-5611 Tel : +82-43-237-8880 Fax : +82-43-237-8810
Email : info@zipenc.com
www.zipenc.com

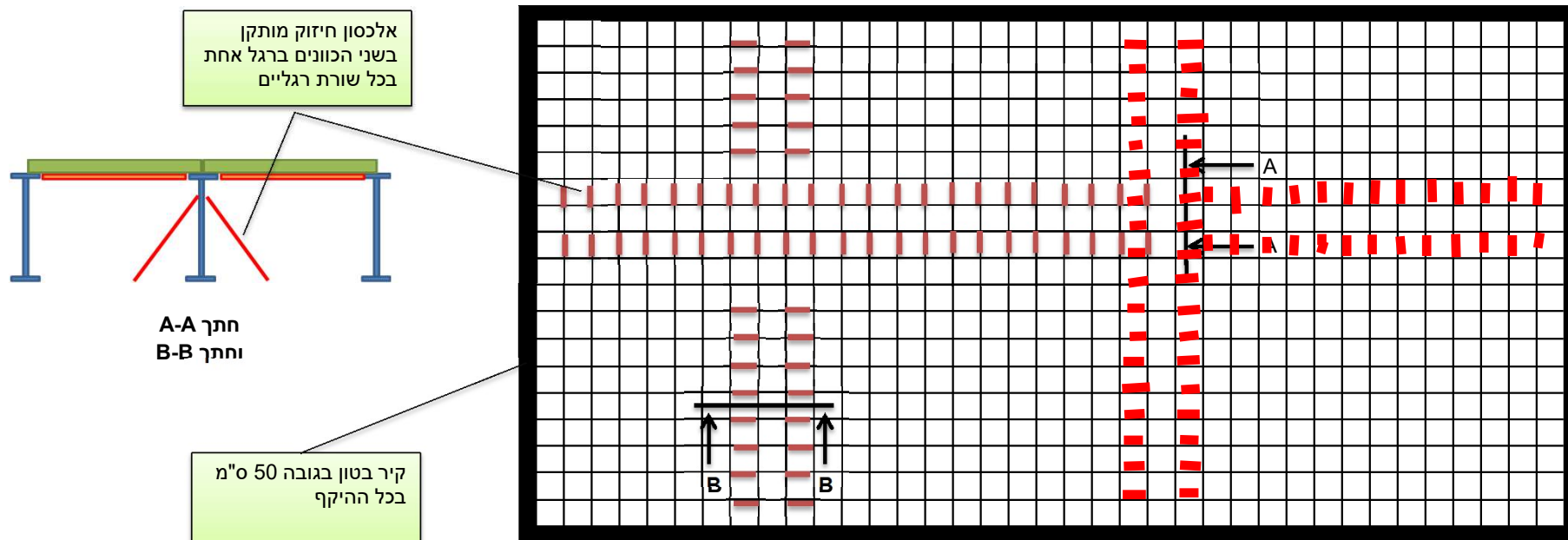
FACTORY

638, Geumil-ro, Geumwang-eup, Enmseong-gun, Chungcheongbuk-do, 27642, South Korea.



<p>REVISION</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>TITLE;</p> <p>TYPICAL DRAWING OF ONE WAY BRACING</p> <p>MODEL NO.;</p> <p>TURN BUCKLE TYPE BRACING</p>	<p>ZIPENC & SBTECH</p> <p>134 GONGDAN-RO, HEUNGDEOK-GU, CHEONGJU-CITY, CHUNGBUK-DO 28576 SOUTH KOREA. TEL.+82 43 237 8880 FAX.+82 43 237 8810 E mail. info@zipenc.com</p>	<p>DATE;</p> <p>2022.10.07</p> <p>DRAWN BY;</p> <p>BJ PARK</p> <p>DRAWING NO.;</p> <p>ZS-T-BRACE</p>
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ננו אלקטרוניקה - אוניברסיטת תל אביב
סכמת החיזוקים האלכסוניים ברצפה הצפה בחדר הנקי

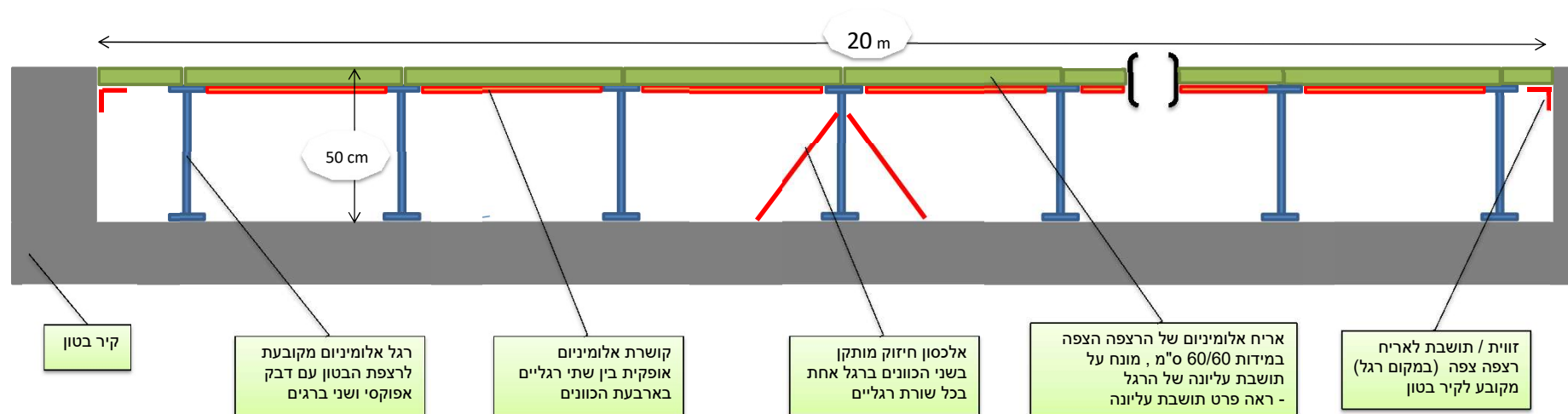


יש לבצע אלכסונים לפי הסימונים האדומים וכן בכל בהיקף כל פתח שיהיה ברצפה

ברך נחום-מהנדס
 רח' ערומן 5, כפר-סבא
 טל: 09-7671204

מס רישיון 25700
 6.11.22

חֵתֶךְ עֶקְרוֹנִי שֶׁל קוֹשְׁרוֹת וְחִזּוּקִים אֶלְכִסוֹנִיִּים בְּרִצְפָה הַצֶּפֶה



CERTIFICATE

인증번호: AC-0260201

(주)에스비테크

• 본사 및 공장 : 충청북도 음성군 금왕읍 금일로 638 (Zip code : 27642)

한국품질재단은 위 조직이 아래에 기재된 표준 요구사항에 적합함을 인증함.

ISO 9001:2015 / KS Q ISO 9001:2015

인증범위

• 본사 및 공장 : - 강 구조물 및 이중바닥재(악세스 플로어)의 생산 및 설치
- 기능성 분산액의 생산

【본사 및 공장 - 적용제외요구사항: 8.3 제품 및 서비스의 설계와 개발】

인증등록일 2021-11-11
최초인증일 2001-01-17

인증만료일 2024-11-10
개정발행일 2021-12-15



KAB-QC-01

KFQ has been accredited in respect of ISO 9001 covered by the KAB (Accreditation Certificate Number KAB-QC-01)



Ji Young Song

Ji Young Song
President & CEO of KFQ

한국품질재단

13F, Woolim Lion's Valley Bldg, 168, Gasan digital 1-ro, Geumcheon-gu, Seoul, 08507, Korea

www.kfq.or.kr



CERTIFICATE

Certificate Number: AC-0260201

SB TECH CORPORATION

- HEAD OFFICE & FACTORY : 638, Geumil-ro, Geumwang-eup, Eumseong-gun, Chungcheongbuk-do, Korea (Zip code : 27642)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 9001:2015 / KS Q ISO 9001:2015

Scope of certification

- HEAD OFFICE & FACTORY : - PRODUCTION AND INSTALLATION OF STEEL STRUCTURE AND ACCESS FLOOR
- PRODUCTION OF FUNCTION NANO DISPERSION

【HEAD OFFICE & FACTORY - PERMITTED EXAMPTION :
8.3 DESIGN AND DEVELOPMENT OF PRODUCTS AND SERVICES】

Registration Date 2021-11-11
Initial Certification Date 2001-01-17

Expiration Date 2024-11-10
Revision Date 2021-12-15



KAB-QC-01

KFQ has been accredited in respect of ISO 9001 covered by the KAB (Accreditation Certificate Number KAB-QC-01)



Ji Young Song
President & CEO of KFQ





THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

KFQ has issued an IQNet recognized certificate that the organization:

SB TECH CORPORATION

- HEAD OFFICE & FACTORY : 638, Geumil-ro, Geumwang-eup, (Zip code : 27642)

for the following scope

- HEAD OFFICE & FACTORY :
 - PRODUCTION AND INSTALLATION OF STEEL STRUCTURE AND ACCESS FLOOR
 - PRODUCTION OF FUNCTION NANO DISPERSION

[HEAD OFFICE & FACTORY - PERMITTED EXAMPTION : 8.3 DESIGN AND DEVELOPMENT OF PRODUCTS AND SERVICES]

has implemented and maintains a
Quality Management System
which fulfils the requirements of the following standard
ISO 9001:2015 / KS Q ISO 9001:2015

Issued on : 2021-12-15

Expires on : 2024-11-10

For the validity date, please refer to the original certificate issued by KFQ*

Registration Number : KR - 0260201



Alex Stoichitoiu
President of IQNet

Ji Young Song
President & CEO of KFQ



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serb

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

CERTIFICATE

인증번호: EAC-0731301

(주)에스비테크

- 본사 및 공장 : 충청북도 음성군 금왕읍 금일로 638 (Zip code : 27642)

한국품질재단은 위 조직이 아래에 기재된 표준 요구사항에 적합함을 인증함.

ISO 14001:2015/KS I ISO 14001:2015

인증범위

- 본사 및 공장 : - 강 구조물 및 이중바닥재(악세스 플로어)의 생산 및 설치
- 기능성 분산액의 생산

인증등록일 2022-07-03
최초인증일 2019-07-03

인증만료일 2025-07-02
개정발행일 2022-06-27



KAB-EC-01

KFQ has been accredited in respect of ISO 14001 covered by the KAB(Accreditation Certificate Number KAB-EC-01)



Ji Young Song

Ji Young Song
President & CEO of KFQ

한국품질재단

13F, Woolim Lion's Valley Bldg, 168, Gasan digital 1-ro, Geumcheon-gu, Seoul, 08507, Korea

www.kfq.or.kr



CERTIFICATE

Certificate Number: EAC-0731301

SB TECH CORPORATION

- HEAD OFFICE & FACTORY : 638, Geumil-ro, Geumwang-eup, Eumseong-gun, Chungcheongbuk-do, Korea (Zip code : 27642)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 14001:2015/KS I ISO 14001:2015

Scope of certification

- HEAD OFFICE & FACTORY : - PRODUCTION AND INSTALLATION OF STEEL STRUCTURE AND ACCESS FLOOR
- PRODUCTION OF FUNCTION NANO DISPERSION

Registration Date 2022-07-03
Initial Certification Date 2019-07-03

Expiration Date 2025-07-02
Revision Date 2022-06-27



KAB-EC-01

KFQ has been accredited in respect of ISO 14001 covered by the KAB(Accreditation Certificate Number KAB-EC-01)



Ji Young Song

Ji Young Song
President & CEO of KFQ



Certificate

KFQ has issued an IQNET recognized certificate that the organization:

SB TECH CORPORATION

• HEAD OFFICE & FACTORY : 638, Geumil-ro, Geumwang-eup, Eumseong-gun, Chungcheongbuk-do, Korea
(Zip code : 27642)

has implemented and maintains a
Environmental Management System

for the following scope

- HEAD OFFICE & FACTORY :
- PRODUCTION AND INSTALLATION OF STEEL STRUCTURE AND ACCESS FLOOR
- PRODUCTION OF FUNCTION NANO DISPERSION

which fulfils the requirements of the following standard

ISO 14001:2015/KS I ISO 14001:2015

Issued on : 2022-06-27

Expires on : 2025-07-02

Registration Number : KR - 0731301




Alex Stoichitoiu
President of IQNET


Ji Young Song
President & CEO of KFQ



This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

IQNET Members*:

AENOR Spain **AFNOR Certification** France **APCER** Portugal **CCC** Cyprus **CISQ** Italy **CQC** China **CQM** China **CQS** Czech Republic
Cro Cert Croatia **DQS Holding GmbH** Germany **EAGLE Certification Group** USA **FCAV** Brazil **FONDONORMA** Venezuela **ICONTEC**
Colombia **ICS** Bosnia and Herzegovina **Inspecta Sertifointi Oy** Finland **INTECO** Costa Rica **IRAM** Argentina **JQA** Japan **KFQ** Korea
LSQA Uruguay **MIRTEC** Greece **MSZT** Hungary **Nemko AS** Norway **NSAI** Ireland **NYCE-SIGE** México **PCBC** Poland **Quality Austria**
Austria **SII** Israel **SIQ** Slovenia **SIRIM QAS International** Malaysia **SQS** Switzerland **SRAC** Romania **TSE** Turkey **YUQS** Serbia

* The list of IQNET Members is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

INSPECTION REPORT

(내약품성적서·耐藥品成績書)

(프로젝트명 · PJT名)

■ Project Name

-

(승인 · 承認)

Approved by

SJ Lee

(현장명 · 現場名)

■ Job Site

-

(검토 · 検討)

Checked by

ST Kuk

(시험일자 · 試験日)

■ Date / Tested by

24-Jun-21

(담당2 · 担当2)

Tested & Prepared by

-

(온도/습도 · 温度/湿度)

■ Temp. / Humidity

21°C

/

49%

(담당1 · 担当1)

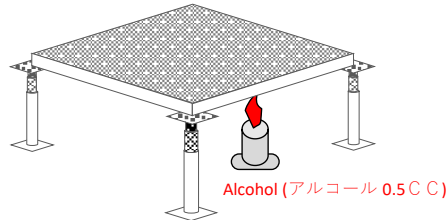
Tested & Prepared by

DG You

TEST METHOD FOR COMBUSTION

Applied dosage Alcohol (アルコール) 0.5cc

Visual Check Before/After Combustion (燃焼前後)



■ Tested Item

Type	Blind
Model	-
Spec	-
Finished / W	LG Tile

■ Result

◎No Change ●Discolor △no harmful ■ Alteration

Visual Check	afterflame (残炎)	afterglow (残じん)
Before test	◎	◎
Afterfleme	●	●△
Afterglow	◎	◎

■ Tested Photos

Tested photos

Photos for test method

After test

INSPECTION REPORT

(내약품성적서·耐藥品成績書)

(프로젝트명 · PJT名)

Project Name

-

(승인 · 承認)

Approved by

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(현장명 · 現場名)

Job Site

-

(검토 · 検討)

Checked by

ST Kuk

(시험일자 · 試験日)

Date / Tested by

24-Jun-21

(담당2 · 担当2)

Tested & Prepared by

-

(온도/습도 · 温度/湿度)

Temp. / Humidity

21°C

/

49%

(담당1 · 担当1)

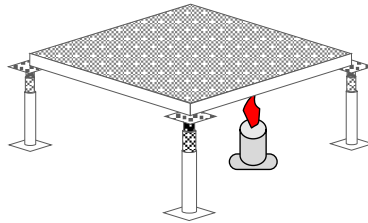
Tested & Prepared by

DG You

TEST METHOD FOR COMBUSTION

Applied dosage Alcohol (アルコール) 0.5cc

Visual Check Before/After Combustion (燃焼前後)



Tested Item

Type	Blind
Model	-
Spec	-
Finished / W	ESD Epoxy

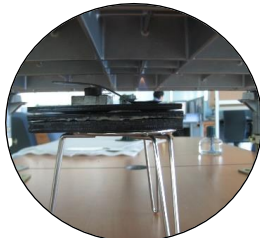
Result

◎No Change ●Discolor △no harmful ■ Alteration

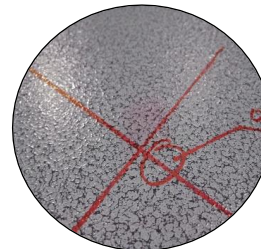
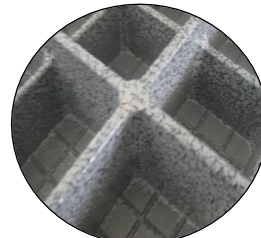
Visual Check	afterflame (残炎)	afterglow (残じん)
Before test	◎	◎
Afterflame	●	●
Afterglow	●	●

Tested Photos

Tested photos



Photos for test method



After test

