	BK-PEMB-PK(P)-08-07	**Pindaan**	**00**
	BORANG KELULUSAN BAHAN/PEMERIKSAAN MOCK-UP	Mukasurat	**1 / 1**
		Tarikh	**31/12/2020**

BORANG KELULUSAN BAHAN/PEMERIKSAAN MOCK-UP

PROJEK: CADANGAN PEMBINAAN PROJEK BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH		Kontraktor : REMT UTAMA SDN BHD	
No. Kontrak : KPKT/CPPP/JBPM/14/15/2019			
BUTIRAN KERJA KELULUSAN BAHAN/MOCK-UP/ DESKRIPSI ITEM SAMPEL: Bahan Siling - Pilihan 1		Lokasi *~~Mock-up~~/ Bahan/~~Kerja~~ : Arkitek	Tarikh: 31/12/2020
Model:Boral , Evergold Kod Item: BVL	Pengilang: USG Boral Sdn Bhd , Evergold Metal Roofing Sdn Bhd	Negara Asal:. Malaysia	Pengedar Tempatan: USG Boral Sdn Bhd , Evergold Metal Roofing S/B

PERAKUAN CPP/PERUNDING (Arkitek/~~M&E/C&S~~) **(*Jika projek R&B*):**

Saya dengan ini mengesahkan bahawa cadangan bahan/~~peralatan~~/~~*mock-up*~~ adalah mematuhi kehendak spesifikasi dan berfungsi seperti kehendak kontrak.

Disertakan :

Katalog [/] Lukisan [ ] Sampel Bahan [ ] Spesifikasi [ ] Sijil [/]

Sampel kerja [ ] *Mock-up* [ ]

Tandatangan ~~CPP~~/Perunding Arkitek/~~M&E/C&S~~* LEMBAGA ARKITEK MALAYSIA Ar. Noor Izwan b. Rahim ARKITEK No Pendaftaran LAM : A/N 157	Jawatan/Cap Rasmi noor izwan architect SP/N 157
Nama :Ar. Noor Izwan Bin Rahim	Tarikh : terima pada 15 Januari 2021

PERAKUAN KONTRAKTOR :

Saya dengan ini berjanji akan mematuhi kehendak CPP/Perunding* dan memastikan *bahan/peralatan/mock up/kerja yang dicadangkan mengikut spesifikasi dan berfungsi seperti di dalam kontrak.

Tandatangan Wakil Kontraktor	Jawatan/Cap Rasmi REMT UTAMA SDN. BHD. Co No. 409864-W
Nama : Sulastri Binti Pongot	Tarikh : 31 Disember 2020

KEPUTUSAN JKR CPP:

Dipersetujui (*concurred*) [ ]

Walaupun perkara di atas telah dipersetujui, adalah menjadi tanggungjawab kontraktor bagi memastikan *bahan/peralatan/mock up/kerja mematuhi kehendak spesifikasi dan berfungsi seperti yang telah dinyatakan di dalam kontrak.

Ditolak dan perlu kemukakan semula [ ]

~~Tandatangan KUR*(Arkitek/M&E/C&S)~~/Wakil PP	Jawatan/Cap Rasmi
Nama :	Tarikh

Nota: * Potong yang tidak berkenaan

	BK-PEMB-PK(P)-08-07	**Pindaan**	**00**
	BORANG KELULUSAN BAHAN/PEMERIKSAAN MOCK-UP	Mukasurat	**1 / 1**
		Tarikh	**31/12/2020**

BORANG KELULUSAN BAHAN/PEMERIKSAAN MOCK-UP

PROJEK: CADANGAN PEMBINAAN PROJEK BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH		Kontraktor : REMT UTAMA SDN BHD	
No. Kontrak : KPKT/CPPP/JBPM/14/15/2019			
BUTIRAN KERJA KELULUSAN BAHAN/MOCK-UP/ DESKRIPSI ITEM SAMPEL: Bahan Siling - Pilihan 2		Lokasi ~~*Mock-up/~~ Bahan/~~Kerja~~ : Arkitek	Tarikh: 31/12/2020
Model: Gyprex, Gyproc , Axtrada Kod Item: BVL, SP,SC	Pengilang: Gyproc Saint-Gobain Malaysia Sdn Bhd , Axtrada	Negara Asal:. Malaysia	Pengedar Tempatan: Axtrada, Gyproc Saint-Gobain Malaysia Sdn Bhd

PERAKUAN CPP/PERUNDING (Arkitek/~~M&E/C&S~~) **(*Jika projek R&B*):**

Saya dengan ini mengesahkan bahawa cadangan bahan/~~peralatan/*mock-up*~~ adalah mematuhi kehendak spesifikasi dan berfungsi seperti kehendak kontrak.

Disertakan :

Katalog [/] Lukisan [ ] Sampel Bahan [ ] Spesifikasi [ ] Sijil [/]

Sampel kerja [ ] *Mock-up* [ ]

Tandatangan CPP/Perunding Arkitek/~~M&E/C&S~~* LEMBAGA ARKITEK MALAYSIA Ar. Noor Izwan b. Rahim ARKITEK ~~No Pendaftaran LAM : A/N 157~~	Jawatan/Cap Rasmi noor izwan architect SP/N 157
Nama :Ar. Noor Izwan Bin Rahim	Tarikh : terima pada 15 Januari 2021

PERAKUAN KONTRAKTOR :

Saya dengan ini berjanji akan mematuhi kehendak CPP/Perunding* dan memastikan *bahan/peralatan/mock up/kerja yang dicadangkan mengikut spesifikasi dan berfungsi seperti di dalam kontrak.

Tandatangan Wakil Kontraktor	Jawatan/Cap Rasmi REMT UTAMA SDN. BHD. Co. No. 409864-W
Nama : Sulastri Binti Pongot	Tarikh : 31 Disember 2020

KEPUTUSAN JKR CPP:

Dipersetujui (*concurred*) [ ]

Walaupun perkara di atas telah dipersetujui, adalah menjadi tanggungjawab kontraktor bagi memastikan *bahan/peralatan/mock up/kerja mematuhi kehendak spesifikasi dan berfungsi seperti yang telah dinyatakan di dalam kontrak.

Ditolak dan perlu kemukakan semula [ ]

~~**Tandatangan KUR*(Arkitek/M&E/C&S)/Wakil PP**~~	Jawatan/Cap Rasmi
Nama :	Tarikh

Nota: * Potong yang tidak berkenaan

SAMPLE SUBMISSION FORM

REF. NO. : RUSB/BOMBA/SSF/047

CADANGAN PEMBINAAN PROJEK BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

TO : AR. NOOR IZWAN - NOOR IZWAN ARCHITECT (NIA)

FROM : SULASTRI - REMT UTAMA SDN BHD

DATE : 31 DECEMBER 2020

MATERIAL : CEILING MATERIAL

	DESCRIPTION	COMPANY/BRAND	MODEL/TECHNICAL
1	BVL - Location : Blok Utama	Option 1 :	Option 1 :
	i) Aras bawah - Bilik Servis, Bilik Utiliti, Bilik M&E	Brand : USG Boral	Model : Boral Vinyl Ceiling Tiles
	ii) Aras 1- Bilik telefon, Bilik Elektrik	Manufacturer : USG Boral Sdn Bhd	Size : 2' x 4' x 9.5mm
		Option 2 :	Option 2 :
		Brand : Gyprex	Model : Gyprex Tiles
		Manufacturer : Gyproc Saint-Gobain	Size : 2' x 4' x 8mm
2	SP - Location : Blok Utama	Option 1 :	Option 1 :
	i) Aras bawah -Biik Mess & Pantri, Bilik Persalinan	Brand : USG Boral	Model : USG Boral Unispan
	Wanita, Utiliti Peralatan, Laluan, Bilik Ketua Balai,	Manufacturer : USG Boral Sdn Bhd	Size : 4' x 8' x 9.5mm
	Bilik Penyelia, Pejabat Operasi, Bilik Ketua Balai,	Option 2 :	Option 2 :
	Ruang Lobi, Ruang Pameran.	Brand : Gyproc	Model : Gyproc GypLock Topline 9
	ii) Aras 1- Bilik persalinan lelaki, Bilik Sukan Gym,	Manufacturer : Gyproc Saint-Gobain	Size : 4' x 8' x 9mm
	Bilik mesyuarat kuliah, Bilik Persediaan Penyelia,		
	Bilik pili bomba, Laluan, Wuduk, Surau.		

SIGNATURE :

COMMENT : For your perusal and approval.

REMT UTAMA SDN. BHD. Co. No. 409864-W

APPROVED/RESUBMIT :

Bagi *description* 1 & 2, cadangan bahan oleh pembekal USG Boral Sdn Bhd (*Option* 1) lebih menepati spesifikasi seperti pada Lukisan Arkitek dengan ketebalan minima 9mm.
Seperti dimaklumkan pembekal, bagi bahan ceiling tiada tempoh jaminan disediakan.
Sijil Pepasangan Keselamatan Kebakaran yang telah diperbaharui telah disertakan seperti diminta.

SIGNATURE : LEMBAGA ARKITEK MALAYSIA — Ar. Noor Izwan b. Rahim, ARKITEK, No Pendaftaran LAM : A/N 157 — DATE : 19 Januari 2021

noor izwan architect SP/N 157

ATTACHMENTS : [/] YES [ ] NO

DISTRIBUTION : [ ] CLIENT [/] ARCHITECT [ ] C&S [ ] M&E

REMT

SAMPLE SUBMISSION FORM

REF. NO. : RUSB/BOMBA/SSF/047

CADANGAN PEMBINAAN PROJEK BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

TO : AR. NOOR IZWAN - NOOR IZWAN ARCHITECT (NIA)

FROM : SULASTRI - REMT UTAMA SDN BHD

DATE : 31 DECEMBER 2020

MATERIAL : CEILING MATERIAL

	DESCRIPTION	COMPANY/BRAND	MODEL/TECHNICAL
3	SP 1 - Location : Blok Utama	Option 1 :	Option 1 :
	i) Aras bawah - Tandas lelaki, Tandas OKU	Brand : USG Boral	Model : USG Boral Wetshop
	ii) Aras 1- Ruang Jemuran, Tandas lelaki, Bilik basuh,	Manufacturer : USG Boral Sdn Bhd	Size : 4' x 8' x 9.5mm
	Tandas Penyelia.	Option 2 :	Option 2 :
		Brand : Gyproc	Model : Gyproc Aqualine
		Manufacturer : Gyproc Saint-Gobain	Size : 4' x 8' x 9mm
4	SC - Location : Blok Utama	Option 1 :	Option 1 :
	i) Aras bawah - Ruang jentera	Brand : Evergold	Model : Evergold Metal Ceiling Panel
		Manufacturer : Evergold Metal Roofing Sdn Bhd	Panel Size : 85mm
			Thickness : 0.40mm
			Warranty : 10 Years
			Propose Colour : Bronze
		Option 2 :	Option 2 :
		Brand : Axtrada	Model : Axtrada Ceiling Profile 820
		Manufacturer : Axtrada	Panel Size : 820mm
			Thickness : 0.40mm

SIGNATURE :

REMT UTAMA SDN BHD Co. No. 409864-W

COMMENT : For your perusal and approval.

APPROVED/RESUBMIT :

Bagi *description* 3, kedua-dua pembekal (*Option* 1 & 2) menawarkan bahan yang setara.
Bagi *description* 4, model daripada pembekal Evergold Metal Roofing Sdn Bhd (*Option* 1) lebih memuaskan, disokong dengan tempoh jaminan 10 tahun serta merupakan pembekal tempatan berbanding pembekal Axtrada yang kurang informasi bahan untuk dinilai. Justeru, perunding Arkitek mengesyorkan cadangan pembekal daripada *Option* 1 untuk penilaian dan kelulusan lanjut pihak USB. Cadangan warna boleh diperhalusi dengan pilihan setara.

SIGNATURE

LEMBAGA ARKITEK MALAYSIA

Ar. Noor Izwan b. Rahim
ARKITEK
No. Pendaftaran LAM : A/N 157

DATE 19 Januari 2021

noor izwan architect SP/N-157

ATTACHMENTS [/] YES [ ] NO

DISTRIBUTION : [ ] CLIENT [/] ARCHITECT [ ] C&S [ ] M&E

CADANGAN BAHAN SILING

PILIHAN 1

1) BORAL VINYL CEILING TILES
2) USG BORAL UNISPAN
3) USG BORAL WETSTOP
4) EVERGOLD EMC85 PROFILE

VINYL CEILING TILES



FEATURES AND BENEFITS

- Easy to clean
- Attractive finish
- Excellent light reflectance
- Lightweight, easy to install

APPLICATIONS

- Hospitals
- Laboratories
- Bathrooms
- Kitchens / Food preparation areas

Texture - Capri.com

VINYL CEILING TILES

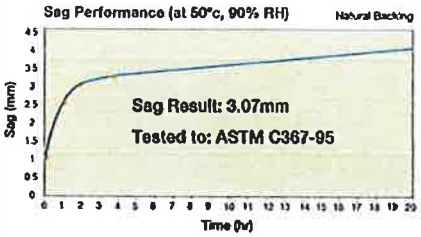
Vinyl Ceiling Tiles come with reinforced plasterboard core and are finished with a very high-quality PVC lining that provides a durable face that is easy to clean.

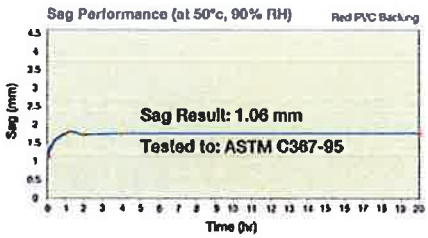
PRODUCT DATA

Thickness	Metric (mm)	9.5mm & 12.5mm
Edge Details	Square Edge	
Size	Metric	600mm x 600mm 600mm x 1200mm
	Imperial	610mm x 610mm (2' x 2') 610mm x 1220mm (2' x 4')
Actual Cut Size	Metric	595mm x 595mm 595mm x 1195mm
	Imperial	603mm x 603mm 603mm x 1212mm

The above specifications are standard dimensions. USG Boral is able to produce customised product lengths to suit specific project requirements. Terms and conditions apply.

PRODUCT TESTING





PRODUCT ENHANCEMENT

Protective Backing
Vinyl ceiling tiles can be provided with special backing on the reverse side upon request.



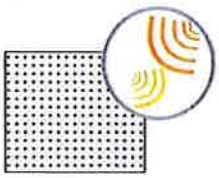
Aluminium Foil

Aluminium foil backing is designed for use in areas of extremely high temperatures.



PVC

PVC backing is designed for high humidity areas to prevent sagging. It acts as a barrier against moisture.



Acoustic

Vinyl Ceiling Tiles are specially developed as an alternative to have sound absorption capabilities. The size and spacing of perforations are calculated to create the sound absorption capabilities while providing an attractive design.

TRADEMARKS
The trademarks ClimaPlus, DONN and INNOVATION INSPIRED BY YOU are trademarks of USG Boral Building Products or one or more of its affiliates.

SAFETY FIRST!
Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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GCTDS_LE_FL_1218

USG BORAL SDN. BHD. (Co. No. [illegible])

Lot 606, Jalan Lagoon Selatan
47500 Subang Jaya,
Selangor Darul Ehsan, Malaysia
Tel: 603 5629 2000 Fax: 603 5629 2008

USGBoral.com

USG BORAL

USG BORAL
INNOVATION INSPIRED BY YOU.™

USG BORAL UNISPAN™

Lightweight, Quicker Installation



USGBoral.com | Plasterboard | Ceilings | Compound | Metal Framing | Substrates

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Safety First! Follow good safety / industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FB08_SH_FL_1118

USG BORAL UNISPAN™



USG Boral Unispan™ is a lightweight 9.5 mm thick, resilient plasterboard that features superior anti-sag performance. It is faster and easier to install since it is approximately 10% lighter than alternative products of similar thickness.

ADVANTAGES

Aesthetics
Smooth finish, with potential for unlimited designs and numerous finishing options to suit customer's imagination.

Lightweight
It is up to 10% lighter compared to alternative products of similar thickness.

Anti-Sagging
Superior anti-sag performance that helps maintain a presentable ceiling appearance at all times.

Consistent Quality
Produced in a state-of- the-art ISO 9001 certified plant.

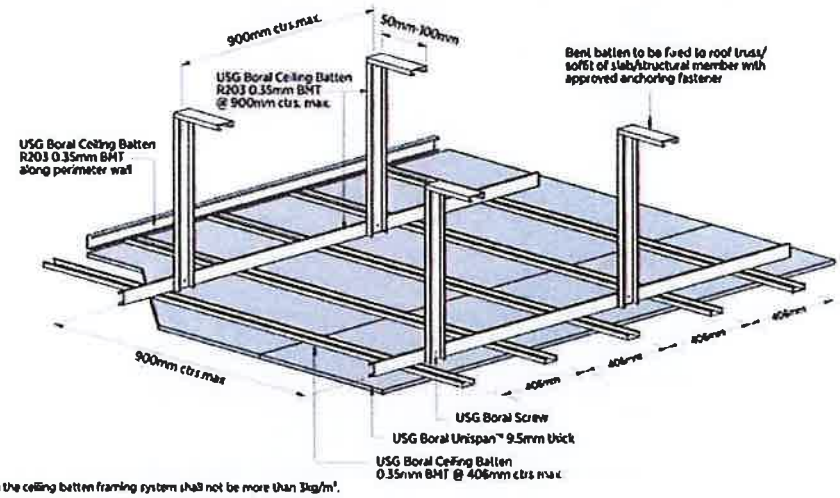
PRODUCT DATA

Product Name	USG Boral Unispan™		
Size* (mm)	1220 mm X 2440 mm (4' X 8')	Thickness (mm)	9.5
Product Standard	BS EN 520:2004	Weight (kg/m²)	5.3
Product Testing	BS 476 Part 6 & 7	Edge Detail	Tapered

**The above are standard sizes, please refer to the USG Boral for other board sizes*

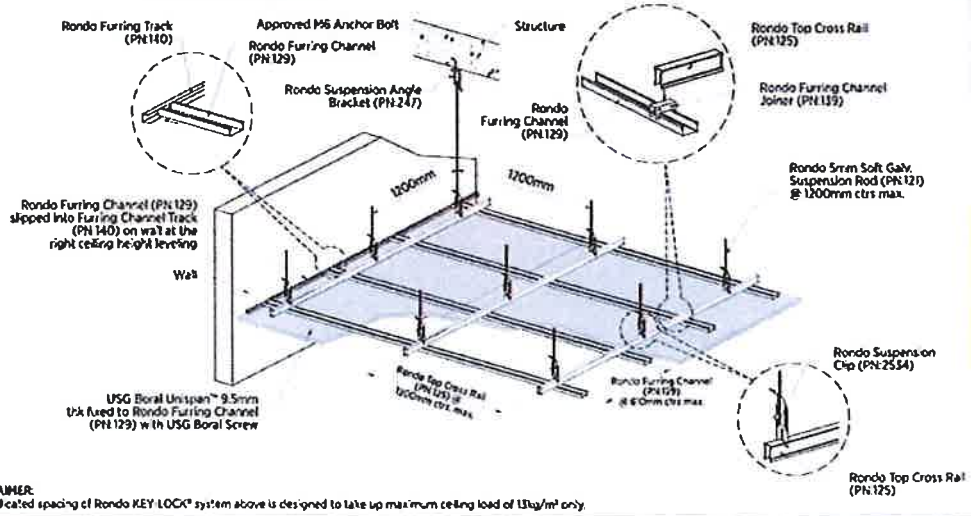
APPLICATIONS Ceiling boards for internal dry area, ideal for both commercial and residential markets.

SYSTEMS **USG Boral Concealed Ceiling System with USG Boral Unispan 9.5mm with USG Boral Ceiling Batten Framing System**



DISCLAIMER:
Maximum load on the ceiling batten framing system shall not be more than 3kg/m².

USG Boral Concealed Ceiling System with USG Boral Unispan 9.5mm and Rondo KEY-LOCK® System



DISCLAIMER:
The indicated spacing of Rondo KEY-LOCK® system above is designed to take up maximum ceiling load of 15kg/m² only.

PRODUCT BACKING (OPTIONAL)

Upon request USG Boral Unispan™ plasterboard can be provided with a special backing on the plasterboard reverse side:

Aluminium foil backing is designed to use in areas of extremely high temperature.

PVC Backing is designed for high humidity area to prevent sagging. It acts as barrier against moisture.

(Minimum order quantity required and lead time applies)

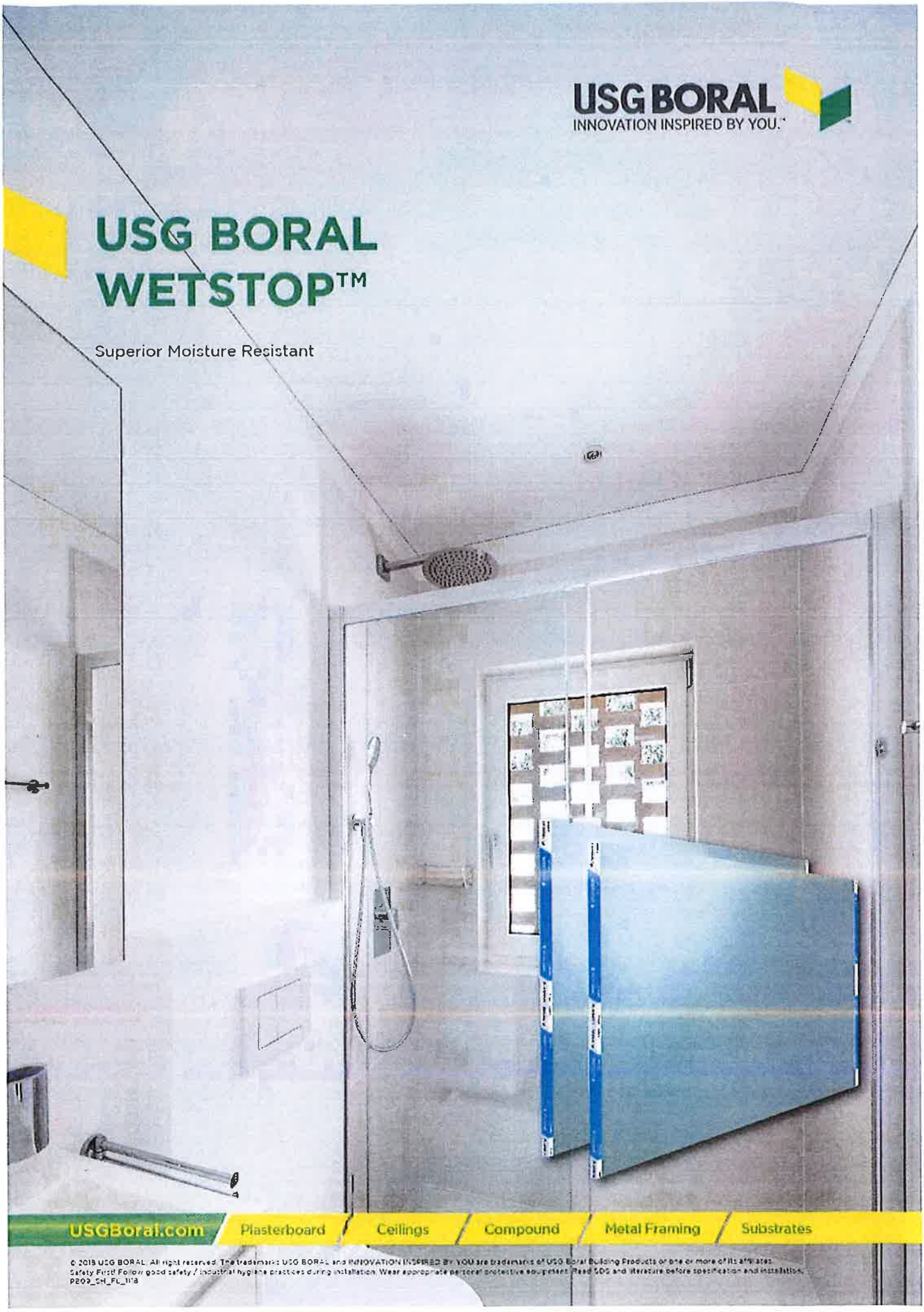
Remarks:

1. Design based on AS/NZS 2785
2. Ultimate limit state: 1.4 G + 1.7 U
3. Serviceability limit state: G + U

G: System self-weight
U: Service load

USG BORAL SDN. BHD. (147876 U)
Lot 606, Jalan Lagoon Selatan, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia.
T (603) 5629 2000 **F** (603) 5629 2008 **W** USGBoral.com

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Safety First! Follow good safety / industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
P809_SH_FL_1118

USG BORAL WETSTOP™



Through the development of extensive research by USG Boral, USG Boral Wetstop™ is the latest advancement in moisture-resistant plasterboard range.

ADVANTAGES

Moisture-Resistant
Low water absorption board, ideal for wet area wall and ceiling application.

Aesthetic
- Seamless and smooth finish.
- Works as an ideal interior tile substrate, able to accommodate tiles finish.

Consistent Quality
Produced in a state-of-the-art ISO9001 certified plant.

Functionality
Plasterboard designed to offer decorative finish with water-resistant performance.

PRODUCT DATA

Product Name	USG Boral Wetstop™			
Thickness (mm)	9.5	12.5	Product Standard	BS EN 520:2004
Weight (kg/m²)	6.40	8.10	Product Testing	BS 476 Part 6 & 7
Size* (mm)	1220 mm X 2440 mm (4' X 8')		Edge Detail	Tapered

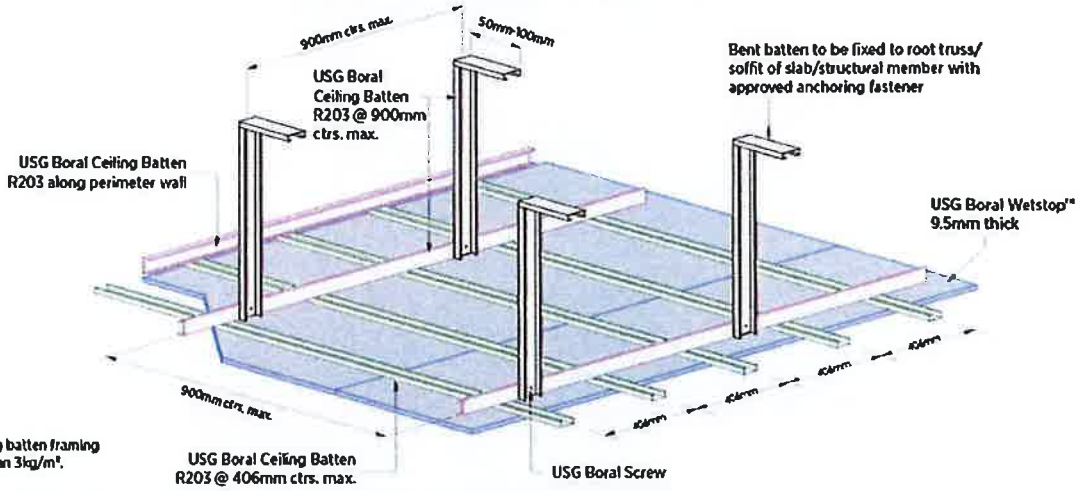
** The above is standard size, please refer to the USG Boral for other board sizes.*

APPLICATIONS

Suitable for wall and ceiling application within internal wet areas, e.g. kitchens and bathrooms.

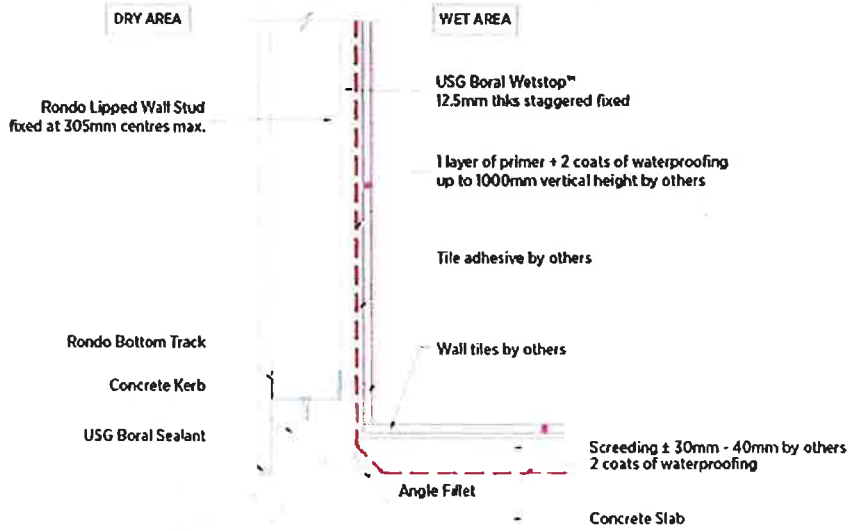
SYSTEMS

USG Boral Moisture Resistant Ceiling System with USG Boral Wetstop™ 9.5 mm



DISCLAIMER:
Maximum load on the ceiling batten framing system shall not be more than 3kg/m².

USG Boral Moisture Resistant Drywall System with USG Boral Wetstop™ 12.5 mm



USG BORAL SDN. BHD. (147616-U)
Lot 606, Jalan Lagoon Selatan, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia.
T (603) 5629 2000 F (603) 5629 2008 W USGBoral.com

USG BORAL
INNOVATION INSPIRED BY YOU

No. Fail: JBPM/IP/RNP:700-7/2/7-712(2)
(PEMBAHARUAN : BAHARU)

SIJIL PEPASANGAN KESELAMATAN KEBAKARAN

APPROVAL CERTIFICATE

Jabatan Bomba dan Penyelamat Malaysia
dengan ini memperakukan
Fire and Rescue Department of Malaysia
hereby certify

BAHAN KELAS 'O'- USG BORAL (UNISPAN, STANDARDCORE, WETSTOP, FIRESTOP, IMPACTSTOP, MINI MR, MINI 8, SHEETROCK UNISPAN SHEETROCK STANDARD CORE & GYPSUM TILES)

Berdasarkan Piawaian
Complying with

BS 476: PART 6:1989+A1:2009, BS 476:PART 7:1997 & BS 476:PART4:1970(1984)

Syarikat Berdaftar
Registered company

USG BORAL SDN BHD (147816-U)
Lot 606, Jalan Lagoon Selatan,
47500 Subang Jaya,
Selangor Darul Ehsan.

Tempoh sah perakuan: **06/08/2019 hingga 19/10/2020**

(DATO' YUSOF BIN SIDEK)
Pengarah
Bahagian Perancangan dan Penyelidikan,
b.p. Ketua Pengarah
Jabatan Bomba dan Penyelamat Malaysia.

Tarikh: Ogos 2019

** Peringatan:
Sila patuhi sepenuhnya syarat-syarat dan had kegunaan seperti dalam Lampiran A1

No. Fail: JBPM/IP/RNP:700-7/2/7-712(2)
No.Siri: BB/C'O'/2760/2019 (BAHARU)

LAMPIRAN A1

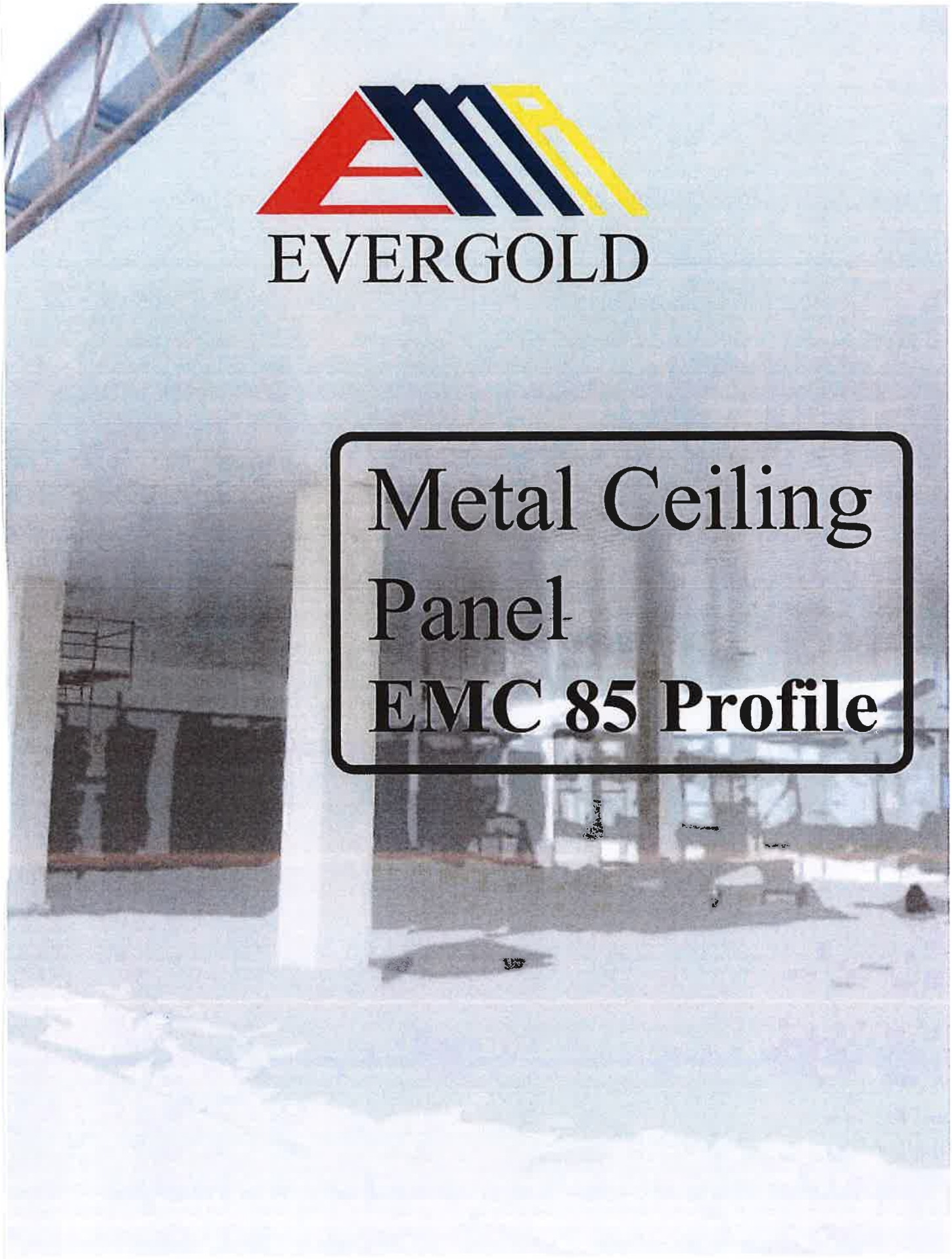
Jenis Bahan Binaan	:	**USG BORAL SYSTEM**
Jenama & Spesifikasi	:	**USG BORAL UNISPAN 9.5mm** **USG BORAL STANDARDCORE (SQUARED EDGE) 12.5mm** **USG BORAL STANDARDCORE (TAPERED EDGE) 12.5mm** **USG BORAL STANDARDCORE 9.5mm** **USG BORAL STANDARDCORE 16mm** **USG BORAL WETSTOP 9.5mm** **USG BORAL WETSTOP 12.5mm** **USG BORAL FIRESTOP 12.5mm** **USG BORAL FIRESTOP 16mm** **USG BORAL IMPACTSTOP 19mm** **USG BORAL IMPACTSTOP 16mm** **USG BORAL MINI 8** **USG BORAL SHEETROCK UNISPAN 9.5mm** **USG BORAL STANDARDCORE SHEETROCK** **USG BORAL GYPSUM TILES (MOTHERBOARD) 9.5mm** **USG BORAL GYPSUM TILES (MOTHERBOARD) 8mm**
Nama & Alamat Pengeluar	:	**USG BORAL SDN. BHD.**
Tahap Rintangan Api	:	**CLASS 'O'**
No. Laporan ujian/Tarikh	:	**SIRIM 2018FE0786 (08.11.18), 2018FE0787 (15.11.18), 2018FE0745 (30.10.18), 2018FE0746 (26.10.18), 2018FE0747 (01.11.18), 2018FE0748 (01.11.18), 2018FE0751 (31.10.18), 2018FE0752 (01.11.18), 2018FE0766 (25.10.18), 2018FE0789 (15.11.18), 2018FE0790 (09.11.18), 2018FE0735 (26.10.18), 2018FE0755 (30.10.18), 2018FE0753 (30.10.18), 2018FE0757 (30.10.18), 2018FE0776 (08.11.18), 2018FE0777 (15.11.18), 2018FE0778 (13.11.18), 2018FE0779 (15.11.18), 2018FE0743 (25.10.18), 2018FE0744 (25.10.18), 2018FE0794 (08.11.18), 2018FE0795 (15.11.18), 2018FE0761 (01.11.18), 2018FE0762 (01.11.18), 2018FE0098 & 2018FE0099.**
Skim Persijilan Barangan	:	**SIRIM QAS INT. NO PC000072, NO. SIRI 044449** **(SAH SEHINGGA 09/10/2019)** **SILA KEMUKAKAN SALINAN SKIM PENSIJILAN BARANGAN PADA PEMBAHARUAN YANG AKAN DATANG.**

JABATAN BOMBA DAN PENYELAMAT MALAYSIA

Had Kegunaan	:	**PENGGUNAAN DAN PEMASANGAN SEBAGAI BAHAN KELAS 'O' SAHAJA. HENDAKLAH MEMATUHI SPESIFIKASI UJIAN, UBBL 1984 SERTA SYARAT-SYARAT TAMBAHAN SEPERTI DI LAMPIRAN A2 DAN A3.**



Tempoh sah perakuan: **06/08/2019 hingga 19/10/2020**



EVERGOLD

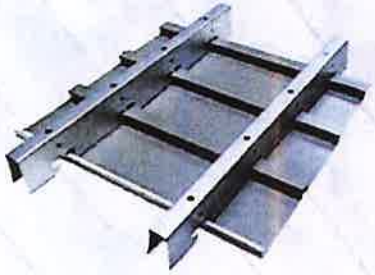
Metal Ceiling Panel
EMC 85 Profile

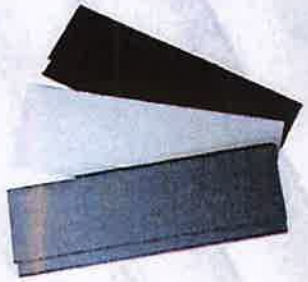
EMC 85 Ceiling Profile *is a latest innovation and design of metal ceiling strip system, which the materials are made from prepainted galvanized steel.*

It is suitable to be installed at external or internal ceiling of commercial space, residential houses, condominiums, airport terminal, banking sectors etc.

This product is am excellent choice for ceiling system because it has benefits of:
- *Very durable under very warm weather*
- *Ease of installation and low maintenance*
- *High quality coated material which has protection from chalking and discolouration for* ***up to 5 Years Warranty*****

*****Terms & Condition Applies***



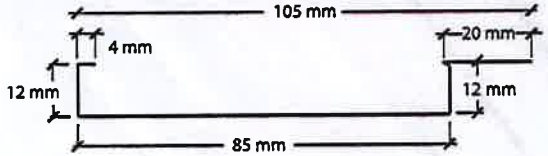




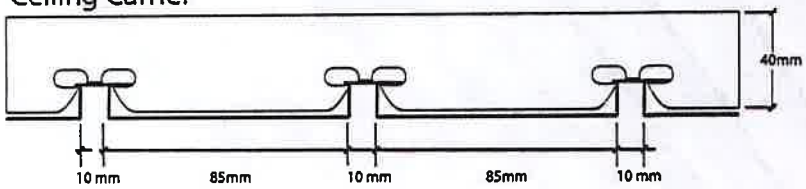


Specification

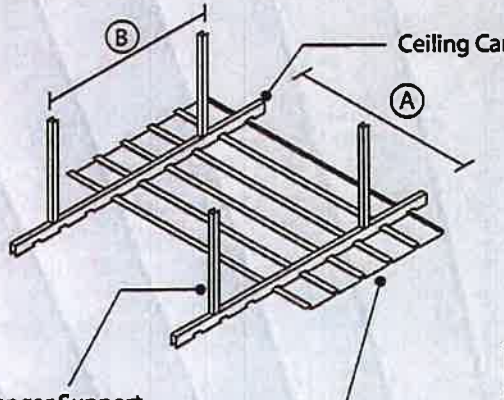
Made Of **0.53 mm 55% Al - Zn Prepainted Panel**



Ceiling Carrier

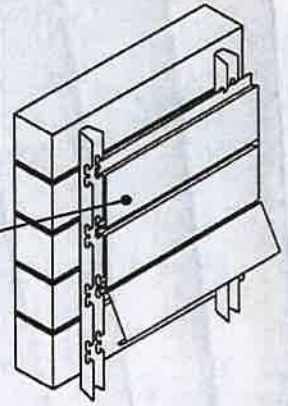


Installation Method



Panel Size
85mm
Thickness
0.40 mm

Gross Weight
5.0 kg/m²
Carrier Span (A)
1200mm maximum
Support Span (B)
1200mm maximum



Vertical Wall Panel Fascade

金辉钢铁有限公司
EVERGOLD METAL ROOFING SDN BHD
(742496-T)
13, Inanam Township, Jalan Burung Selingkir, Mile 5 ½ Off Jalan Tuaran Bypass, 88450, Inanam, Kota Kinabalu.
TeL: 088-427488 / 429488 Fax: 088-427828
E-mail: evergoldmf@gmail.com

Project Title: _____

WARRANTY CARD

Metal Ceiling EMC 85 Profile

Evergold Metal Roofing Sdn Bhd. (" Manufacturer" hereafter) warrants any prepainted metal ceiling product produced for **10 years against perforation corrosion** under normal weathering conditions, and far from the sea environment for radius distance up to 2 km, upon the date of delivery based on our original invoices.

This warranty is valid subject to the terms and conditions:

a. The metal ceiling is installed strictly and correctly according to manufacturer's recommendation;
b. All fixing and associated ceiling components are based on manufacturer recommmendation;
c. The supplied material on site must be checked and inspected free from damaged, scratched or abraded prior to installation works;

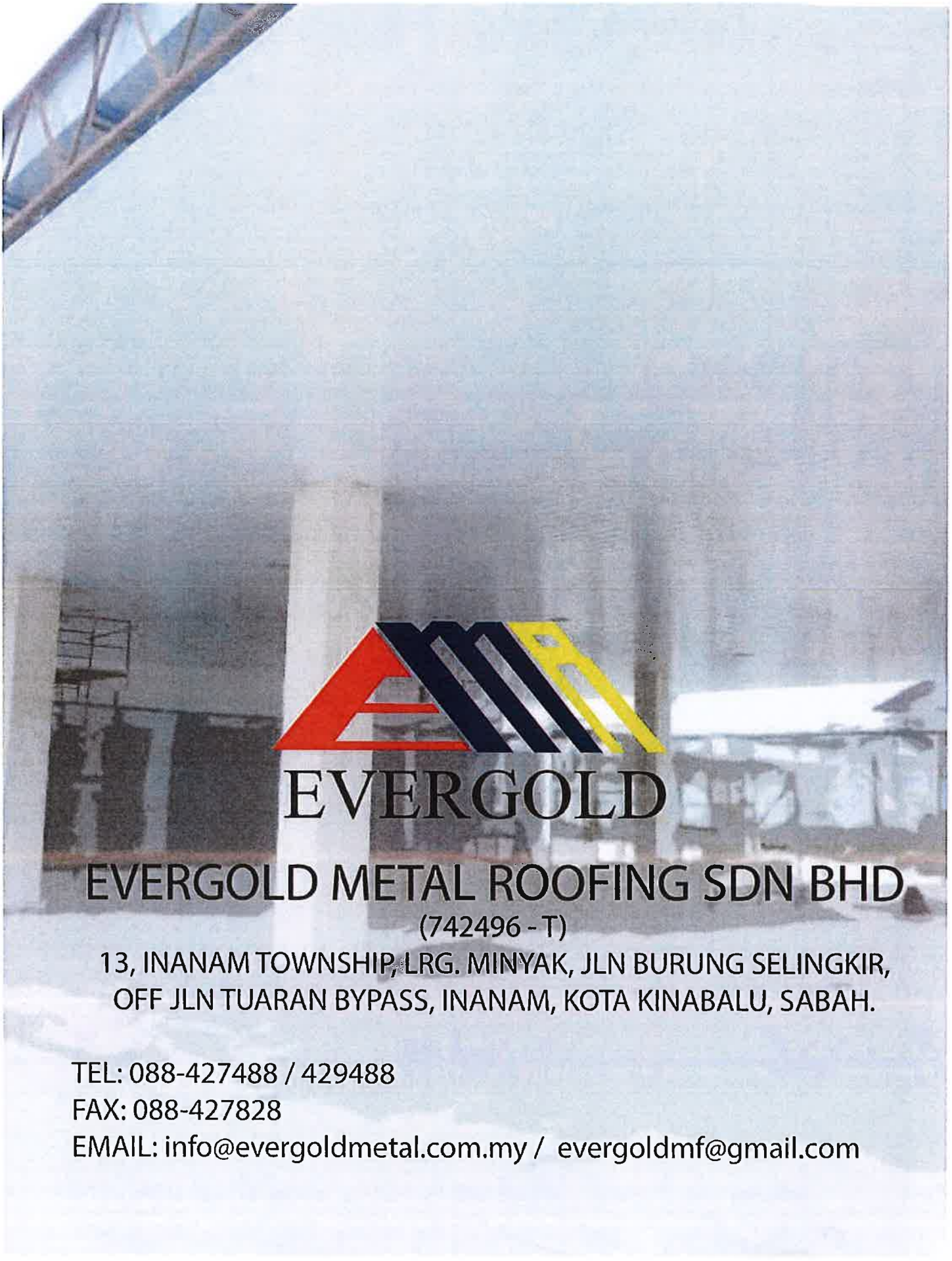
This warranty card will be void under following conditions:

1) Mechanical, chemical or any kind of damages due to mishandling our products;
2) Storage under exposure of sun and rain without air ventilation;
3) Exposed to chemical reactant, fumes, liquid or solids;
4) Prolong exposure of soil, sand, ash, dust, fertilizer, lead, copper, coal, and other reacting metals;
5) High pollutant of industrial fumes and corrosive environment with radius of less than 5 km;
6) Manufacturer will only replace any defective product and shall not be involved in any installation labour cost, any person injury or compensation on using our product;
7) The warranty does not transfer to any other third party user, reseller etc other than direct buyer based on the billing company or contractor.

_____

For Evergold Metal Roofing Sdn Bhd

SAMPLE



EVERGOLD

EVERGOLD METAL ROOFING SDN BHD

(742496 - T)

13, INANAM TOWNSHIP, LRG. MINYAK, JLN BURUNG SELINGKIR,
OFF JLN TUARAN BYPASS, INANAM, KOTA KINABALU, SABAH.

TEL: 088-427488 / 429488
FAX: 088-427828
EMAIL: info@evergoldmetal.com.my / evergoldmf@gmail.com

CADANGAN BAHAN SILING

PILIHAN 2

1) GYPREX TILES

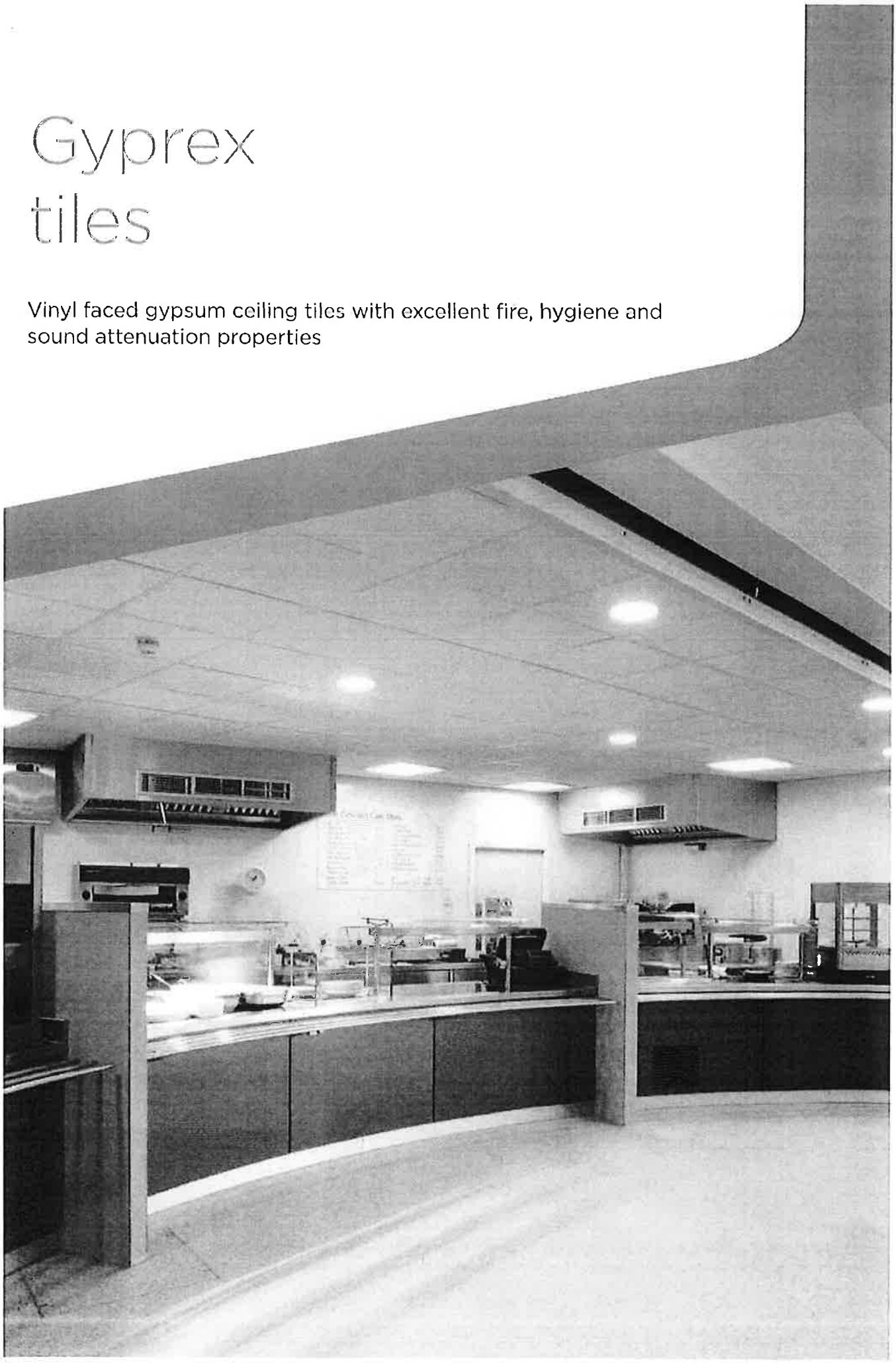
2) GYPROC GYPLOCK TOPLINE 9

3) GYPROC AQUALINE

4) AXTRADA CEILING PROFILE 820

Gyprex tiles

Vinyl faced gypsum ceiling tiles with excellent fire, hygiene and sound attenuation properties



Gyprex tiles

An vinyl faced, wipe-clean tile ideal for use in hygienic and shower areas. High level of light reflectance and resistance to staining. Gypsum core 100% recyclable.

Acoustic performance	$D_{n,c,w}$ up to 37dB
Fire performance	30 minutes fire rating to *BS 476* Part 23 when using CasoLine QUICK-LOCK-GRID T24 and Gyprex SATINSPAR
Reaction to fire	Class 0 / Euroclass B-s1, d0
Relative humidity	Up to 90% RH

Gyprex SATINSPAR



Characteristics	Attractive smooth satin finish. Wipe-clean, lightweight and easy to install.
Application	Gyprex vinyl faced ceiling tiles have been specially developed to provide the ideal solution for retail and health sector environments where hygiene and cleanliness are essential.
Tile colour	■ □ - Black or white vinyl face
Available in	**600 x 600 x 8mm tile** Edge detail = A Weight 6.2kg/m²
	1200 x 600 x 8mm tile Edge detail = A Weight 6.2kg/m²

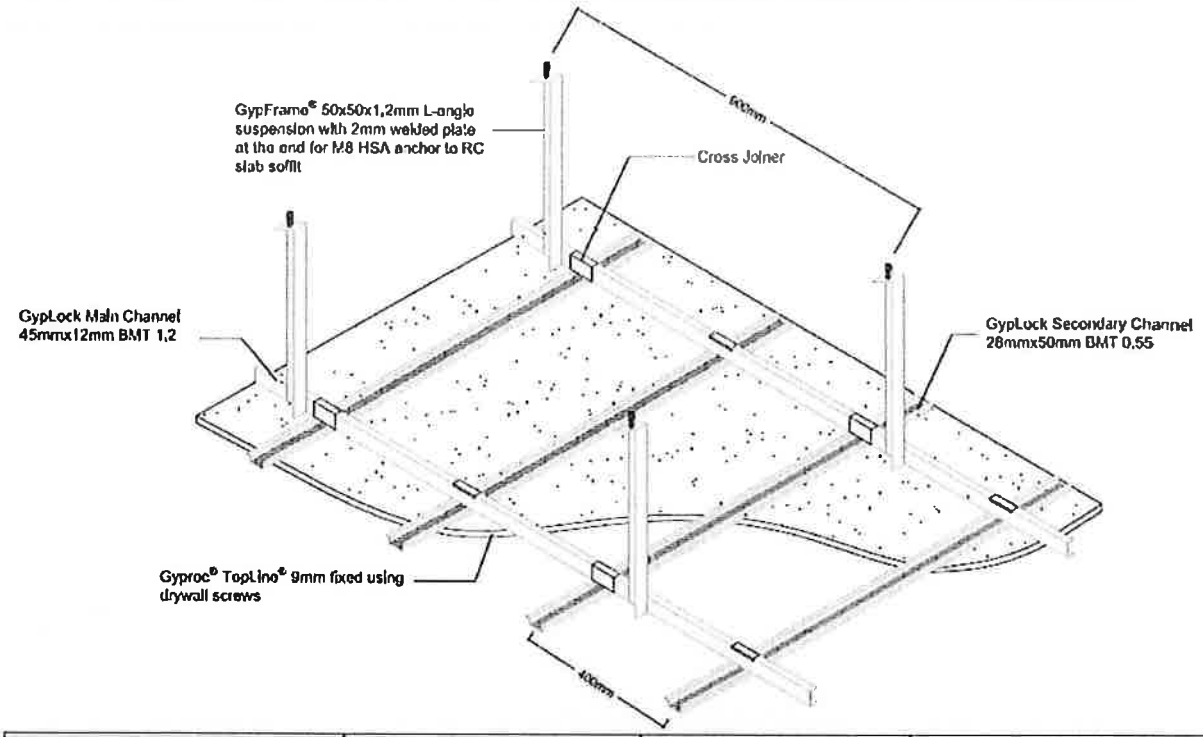
Gyprex BIO

Characteristics	Smooth white tile with integral biocide within the vinyl preventing the growth of fungi and bacteria, including MRSA, E.Coli 0.57 and Salmonella.
Application	Gyprex vinyl faced ceiling tiles have been specially developed to provide the ideal solution for retail and health sector environments where hygiene and cleanliness are essential.
Tile colour	□ - White vinyl face
Available in	**600 x 600 x 8mm tile** Edge detail = A Weight 6.2kg/m²
	1200 x 600 x 8mm tile Edge detail = A Weight 6.2kg/m²

Gyproc Specification Guide

(Gyproc GypLock TopLine® 9)

Gyproc GypLock Ceiling TopLine® comprising of **1 layer Gyproc TopLine® 9mm** fixed to the underside of **proprietary GypLock ceiling frame system** consists of **heavy duty main channels & secondary channels and clip accessories.** Boards are laid staggered and secured using min. No. 6 drywall screws at max. 200mm centres to the ceiling framing, which is suspended from building substrate using M6 threaded rod. All joints are finished with **Gyproc Paper Tape** and **ProTopTM Joint Compound** for a seamless surface appearance.



Overall Weight (Ceiling System only)	Maximum Allowable Load	Board Classification	Maximum span length
7.5kg/m²	3kg/m²	Class O	Unlimited

Components	Description	Qty / m² (est.)*
GypLock Main Channel	BMT = 1.2mm; Dimensions = 45mm x 12mm, Length = 3600mm	0.30 piece
GypLock Furring Channel	BMT = 0.5mm; Dimensions = 28mm x 50mm; Length = 3600mm	0.60 piece
GypLock Furring Wall Track	Dimensions = 28mm x 30mm; Length = 3000mm	0.20 piece
GypFrame L- angle	BMT = 1.2mm; Dimensions = 50mm x 50mm	1.10 piece
GypLock Cross Joiner		1.70 piece
GypLock Furring Channel Joiner		0.60 piece
GypLock Main Channel Joiner		0.30 piece
Gyproc TopLine® 9mm		0.35 piece
Gyproc Paper Tape		0.01 Roll
Gyproc ProTop™ Ready Mixed Compound		0/04 Bucket

**The material estimation is derived from 100sq.m ceiling of width 3650mm; 400mm ceiling plenum depth*

*** Use wafer head drywall screw in the fixing of metal to metal*

**** Add 0.06 piece/m2 for every additional 100mm cavity*

This document remained the property of Saint-Gobain, Please contact Gyproc Malaysia for information on performance & installation method

Gyproc
SAINT-GOBAIN

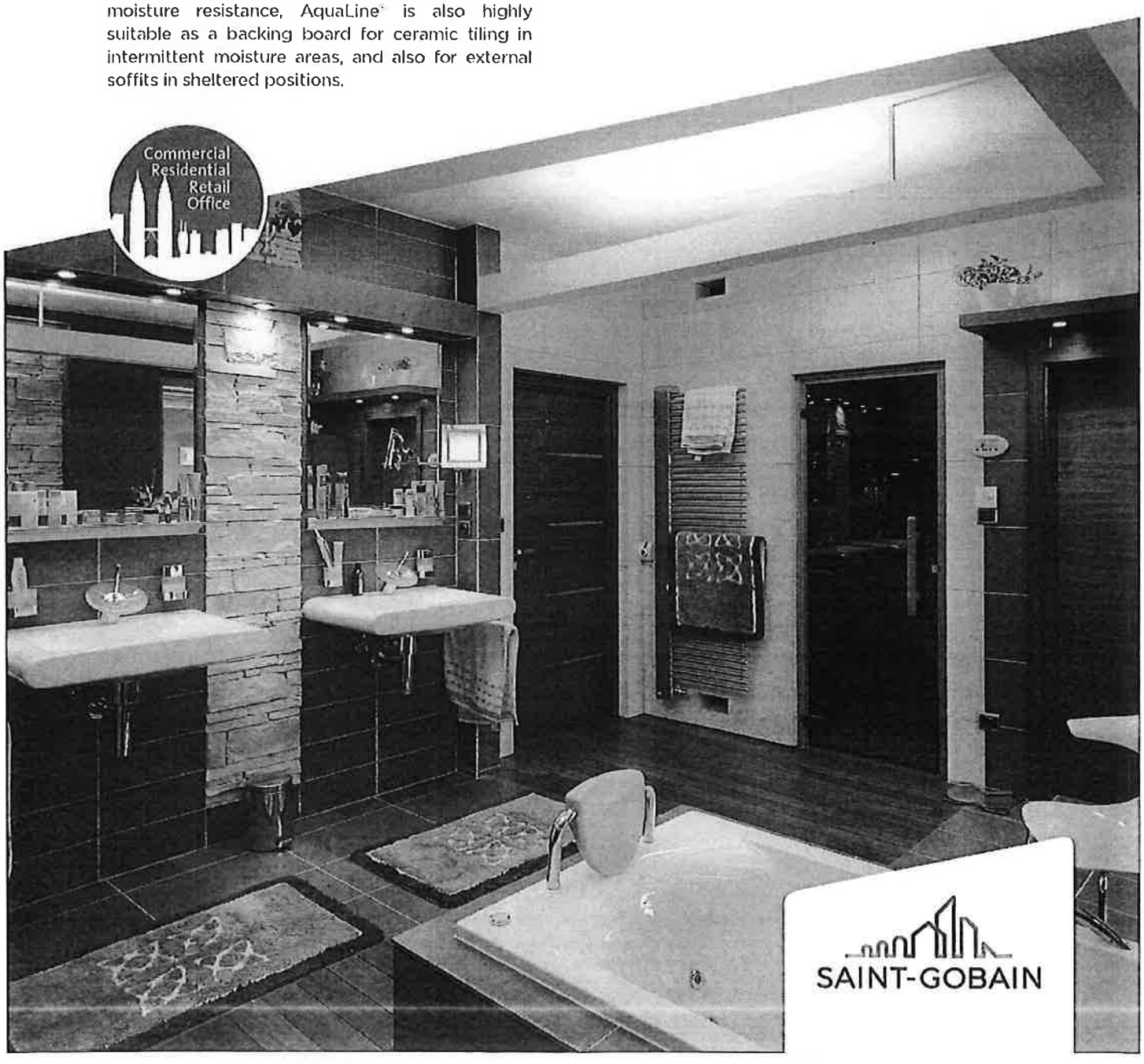
SINGAPORE GREEN BUILDING PRODUCT
SGBC
✓✓✓
EXCELLENT
SGBP 2018-1225

AquaLine®

AquaLine® is a gypsum board with water repellent additives in the core and encased in a special green paper lining. The board is designed to reduce the absorption of moisture from the surrounding environment while maintaining its form, function and unique features.

While it is universally used in Gyproc® drywall systems for wall linings and ceiling systems to offer moisture resistance, AquaLine® is also highly suitable as a backing board for ceramic tiling in intermittent moisture areas, and also for external soffits in sheltered positions.





AquaLine®



Publication Ref: AquaLine_26OCT2019_MD

CHARACTERISTICS

Gypsum compound and papers are mixed with specially formulated substances to enhance moisture resistance.

RECOMMENDED USE

Universally used for walls and ceiling in intermittent moisture areas e.g. bathrooms, toilets and kitchen, and for external soffits in sheltered position.

PRODUCT FORMAT

Thickness	9mm	12.5mm
Nominal Weight	7.20kg/m²	10.00kg/m²
Nominal Sheet Size*	1220mm x 2440mm	
Edge Type	Recessed Edge 	Square Edge 

FIRE RATING

- Non-combustible in accordance to BS 476: Part 4
- Low fire propagation in accordance to BS 476: Part 6
- Class 1 surface spread of flame in accordance to BS 476: Part 7
- Classified as Class 0 material in accordance to local building regulations

REACTION TO MOISTURE

- The gypsum compound contains silicon oil that reduces moisture absorption.
- Water absorption <5% in compliance to BS EN 520 and ASTM C473

HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation
- Highly flexible in creating the highest standards of design
- Easily decorated
- Supports tiling up to 32kg/m² using a suitable tile adhesive

HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, hence environmentally friendly and certified with Green Product Certification Scheme
- Does not produce toxic fumes or hazardous substances that are harmful to health
- Product is manufactured in a facility certified to standards of ISO 14001 and ISO 9002.

Gyproc
SAINT-GOBAIN

Saint-Gobain Malaysia Sdn. Bhd.
(636775-T)

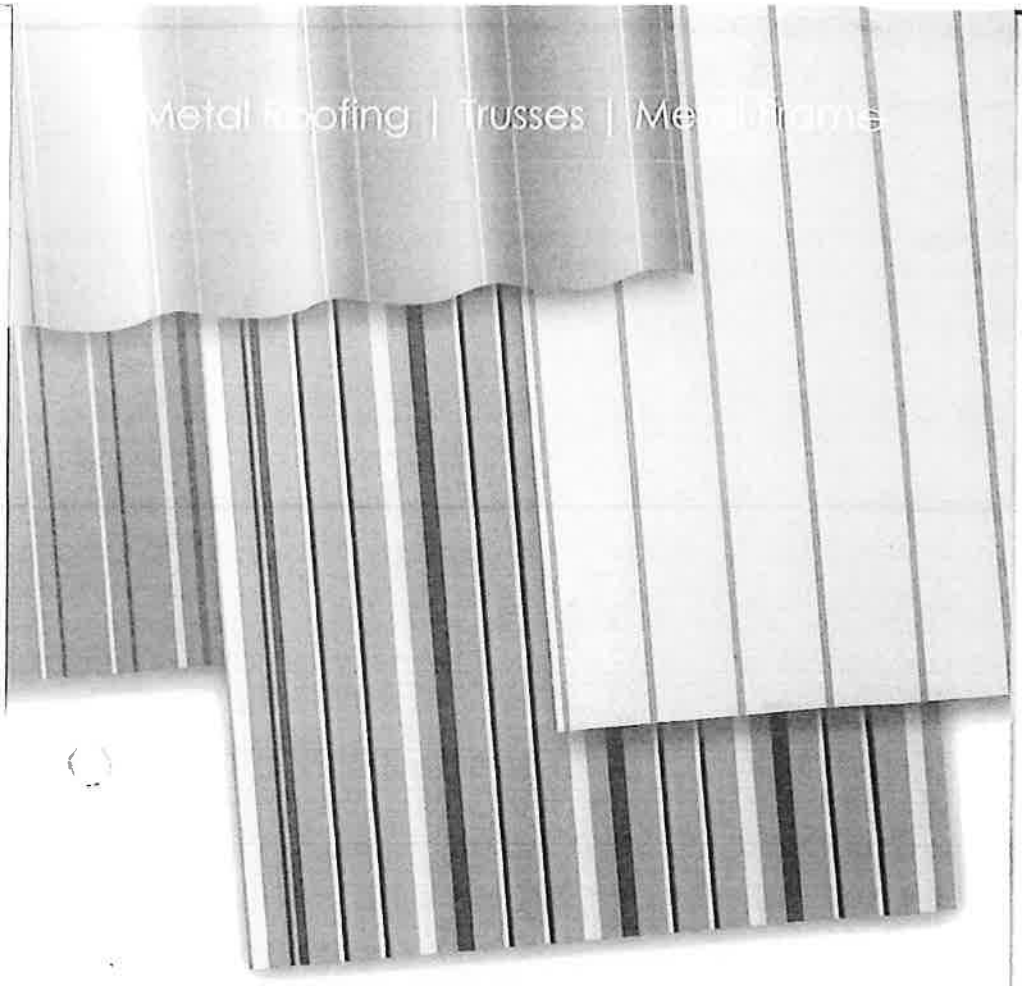
No.1, Jalan Sultan Mohamad 4
Kawasan Perindustrian Bandar
Sultan Suleiman, Port Klang
42000 Selangor MALAYSIA
Tel : + 603 3169 5588
Fax: + 603 3169 5688
Email : solutions.my@saint-gobain.com
www.gyproc.my

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Vision Exchange
SINGAPORE 608526
Tel: + 65 6330 8266
www.gyproc.sg

www.facebook.com/GyprocMalaysia
www.facebook.com/GyprocSingapore

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Metal Roofing | Trusses | Metal Frames



AXTRADA

realZINC™ realcolor®

The Premium Coated Steel by



Warranty* against corrosion perforation for up to 25 years



Warranty* against flake and peel for up to 15 years



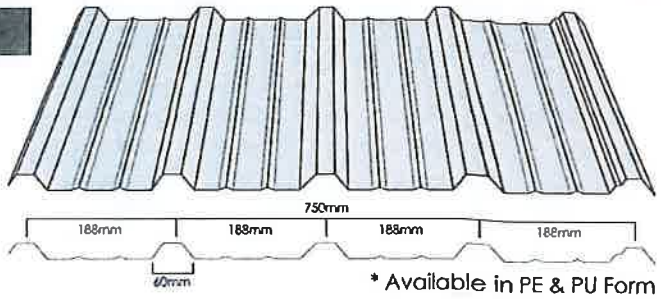
Warranty* against color fading / chalking for up to 10 years

www.axtrada.com

METAL ROOFING & WALL PRODUCTS

Longrun 750

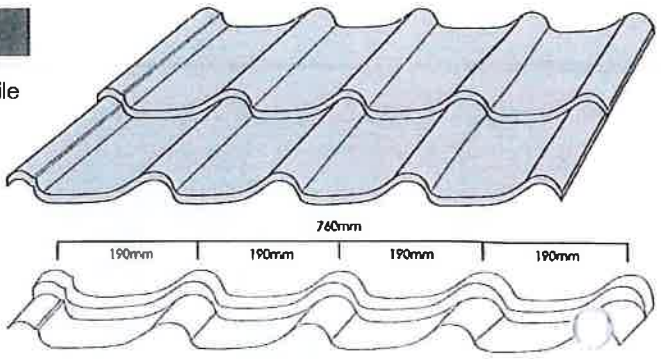
- Most popular metal roofing profile.
- Innovative, durable and cost effective.
- Widely used for residential & commercial.
- Minimum roof pitch 5°.



* Available in PE & PU Form

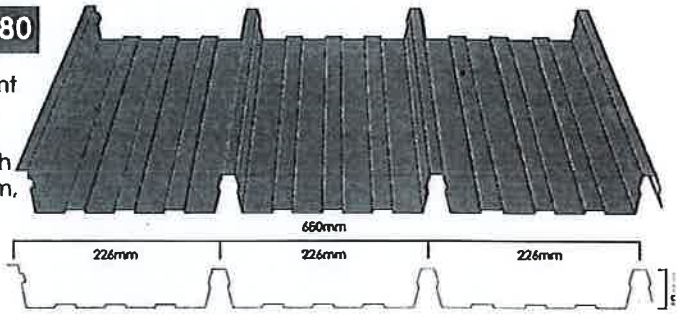
Tile Profile 760

- Special designed step profile give attractive looks.
- 80% lighter compare to normal clay / concrete tiles.
- Widely used for residential & commercial.
- Minimum roof pitch 15°.



Clip Lock System 680

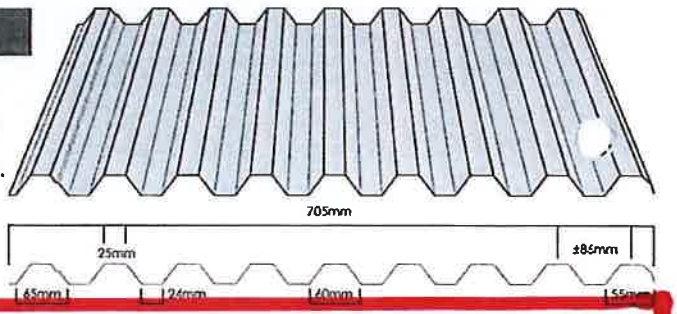
- Recognized as an excellent profile for long lasting and beautiful roofs.
- The lock-action design with concealed-fastener system, that make it both good looking and durable.
- Strongly recommend low pitched roofs.
- Minimum roof pitch 3°.



Pilihan 2
Metal
Ceiling

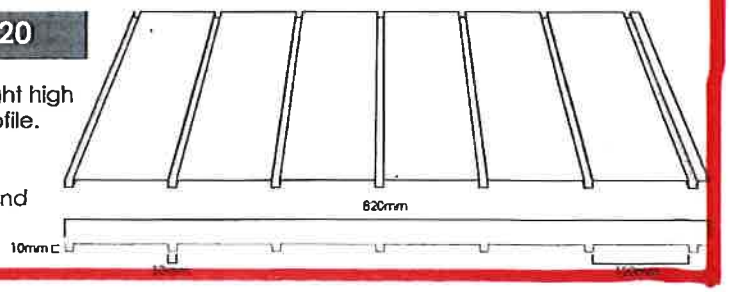
A-Span 705

- Roll-forming long lenght high tensile metal decking.
- Nine ribs profile provide durable and cost effective.
- Suitable for roofing and walling.
- Minimum roof pitch 5°.



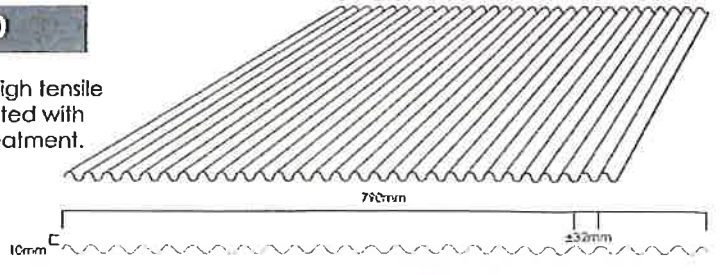
Ceiling Profile 820

- Roll-forming long lenght high tensile strip ceiling profile.
- Suitable for Ceiling and walling.
- Innovative, durable and cost effective.



Smart Deck 790

- manufactured from high tensile steel substrate protected with corrosion inhibitive treatment.
- Suitable for Ceiling and walling.
- Good looking and designer like.



No. Fail: **JBPM/IP/RNP:700-7/2/7 - 712 (6)**
(PEMBAHARUAN : KEDUA)

SIJIL PEPASANGAN KESELAMATAN KEBAKARAN

APPROVAL CERTIFICATE

CERTIFIED TO ISO 9001 : 2015
CERT. NO: QMS 02121

CERTIFIED TO ISO9001 : 2015
CERT. NO: QMS 02121

Jabatan Bomba dan Penyelamat Malaysia
dengan ini memperakukan
Fire and Rescue Department of Malaysia
hereby certify

BAHAN KELAS 'O' USG BORAL
(UNISPAN, STANDARDCORE, WETSTOP, FIRESTOP, IMPACTSTOP, MINI 8 MR, MINI 8, SHEETROCK UNISPAN SHEETROCK STANDARD CORE & GYPSUM TILES)

Berdasarkan Piawaian
Complying with

BS 476 : PART 6 : 1989+A1 : 2009, BS 476 : PART 7 : 1977 & BS 476 : PART 4 : 1970 (1984)

Syarikat Berdaftar
Registered company

USG BORAL SDN BHD (147816-U)
Lot 606, Jalan Lagoon Selatan,
47500 Subang Jaya,
Selangor Darul Ehsan.

Tempoh sah perakuan: **18/10/2020 hingga 19/10/2021**

(DATO' YUSOF BIN SIDEK)
Pengarah
Bahagian Perancangan dan Penyelidikan,
b.p. Ketua Pengarah
Jabatan Bomba dan Penyelamat Malaysia.

Tarikh: 30 November 2020

** **Peringatan:**
Sila patuhi sepenuhnya syarat-syarat dan had kegunaan seperti dalam Lampiran A1

No. Fail: **JBPM/IP/RNP: 700-7/2/7 - 712 (6)**
No.Siri: **BB/C'O'/2760/2019 (P2)**

LAMPIRAN A1

Jenis Bahan Binaan	:	**USG BORAL SYSTEM**
Jenama & Spesifikasi	:	**1) USG BORAL STANDARD CORE (Motherbord, MCM) (SQUARED EDGE) 9.5mm (DENSITY : 686kg/m³), SIZE OF SPECIMEN (225mm x 225mm x 9.5mm) MEASURED THICKNEES.** **USG BORAL STANDARD CORE (Motherbord, MCM) (SQUARED EDGE) 9.5mm (DENSITY : 678kg/m³), SIZE OF SPECIMEN (270mm x 885mm x 9.5mm) MEASURED THICKNEES.** **2) USG BORAL STANDARD CORE (SQUARE EDGE) 12.5mm (DENSITY : 628kg/m³), SIZE OF SPECIMEN (225mm x 225mm x 12.4mm) MEASURED THICKNEES.** **USG BORAL STANDARD CORE (SQUARE EDGE) 12.5mm (DENSITY : 626kg/m³), SIZE OF SPECIMEN (270mm x 885mm x 12.5mm) MEASURED THICKNEES.** **3) USG BORAL STANDARD CORE (TAPERED EDGE) 12.5mm (DENSITY : 633kg/m³), SIZE OF SPECIMEN (225mm x 225mm x 12.5mm) MEASURED THICKNEES.** **USG BORAL STANDARD CORE (TAPERED EDGE) 12.5mm (DENSITY : 640kg/m³), SIZE OF SPECIMEN (270mm x 885mm x 12.5mm) MEASURED THICKNEES.** **4) USG BORAL STANDARD CORE (TAPERED EDGE) 9.5mm (DENSITY : 581kg/m³), SIZE OF SPECIMEN (270mm x 885mm x 9.5mm) MEASURED THICKNEES.** **USG BORAL STANDARD CORE (TAPERED EDGE) 9.5mm (DENSITY : 569kg/m³), SIZE OF SPECIMEN (225mm x 225mm x 9.4mm) MEASURED THICKNEES.**

5) USG BORAL (STANDARD CORE SHEETROCK) 12.5mm (DENSITY : 531kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 12.6mm) MEASURED THICKNEES.

USG BORAL (STANDARD CORE SHEETROCK) 12.5mm (DENSITY : 530kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 12.5mm).

6) USG BORAL STANDARD CORE SHEETROCK UNISPAN (SQUARED EDGE / TAPERED EDGE) 9.5mm (DENSITY : 549kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 9.6mm) MEASURED THICKNEES.

USG BORAL STANDARD CORE SHEETROCK UNISPAN (SQUARED EDGE / TAPERED EDGE) 9.5mm (DENSITY : 561kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 9.5mm) MEASURED THICKNEES.

7) USG BORAL STANDARD CORE UNISPAN (SQUARED EDGE / TAPERED EDGE) 9.5mm (DENSITY : 619kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 9.6mm) MEASURED THICKNEES.

USG BORAL STANDARD CORE UNISPAN (SQUARED EDGE / TAPERED EDGE) 9.5mm (DENSITY : 590kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 9.4mm) MEASURED THICKNEES.

8) USG BORAL (FIRESTOP) 12.5mm (DENSITY : 778kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 12.5mm) MEASURED THICKNEES.

USG BORAL FIRESTOP 12.5mm (DENSITY : 789kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 12.5mm) MEASURED THICKNEES.

9) USG BORAL FIRESTOP (SQUARED EDGE / TEPERED EDGE) 16mm (DENSITY : 829kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 16mm) MEASURED THICKNEES.

USG BORAL FIRESTOP (SQUARED EDGE / TEPERED EDGE) 16mm (DENSITY : 834kg/m^3), SIZE

OF SPECIMEN (225 mm x 225mm x 16mm) MEASURED THICKNEES.

10) USG BORAL IMPACTSTOP (SQUARED EDGE / TAPERED EDGE)19mm (DENSITY : 894kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 19.5mm) MEASURED THICKNEES.

USG BORAL IMPACTSTOP (SQUARED EDGE / TAPERED EDGE)19mm (DENSITY : 888kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 19.5mm) MEASURED THICKNEES.

11) USG BORAL IMPACTSTOP (SQUARED EDGE / TAPERED EDGE)16mm (DENSITY : 825kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 16.2mm) MEASURED THICKNEES.

USG BORAL IMPACTSTOP (SQUARED EDGE / TAPERED EDGE)16mm (DENSITY : 821kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 16.3mm) MEASURED THICKNEES.

12) USG BORAL STANDARD CORE MININ8 (SQUARED EDGE / TEPERED EDGE) 8mm (DENSITY : 600kg/m^3), SIZE OF SPECIMEN (270 mm x 885mm x 8.1mm) MEASURED THICKNEES.

USG BORAL STANDARD CORE MININ8 (SQUARED EDGE / TEPERED EDGE) 8mm (DENSITY : 603kg/m^3), SIZE OF SPECIMEN (225 mm x 225mm x 8mm) MEASURED THICKNEES.

13) USG BORAL WETSTOP 9.5mm (DENSITY : 689kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 9.5mm) MEASURED THICKNEES.

USG BORAL WETSTOP 9.5mm (DENSITY : 694kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 9.5mm) MEASURED THICKNEES.

14) USG BORAL WETSTOP (SQUARED EDGE / TEPERED EDGE) 12.5mm (DENSITY : 614kg/m^3), SIZE OF SPECIMEN (225 mm x 225mm x 12.5mm) MEASURED THICKNEES.

USG BORAL WETSTOP (SQUARED EDGE / TEPERED EDGE) 12.5mm (DENSITY : 627kg/m^3), SIZE OF SPECIMEN (270 mm x 885mm x 12.6mm) MEASURED THICKNEES.

15) USG BORAL STANDARD CORE (SQUARED EDGE / TAPERED EDGE) 16mm (DENSITY : 716kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 16.1mm) MEASURED THICKNEES.

USG BORAL STANDARD CORE (SQUARED EDGE / TAPERED EDGE) 16mm (DENSITY : 715kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 16.1mm) MEASURED THICKNEES.

16) USG BORAL STANDARD CORE (MOTHERBORD) 8mm (DENSITY : 692kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 8.1mm) MEASURED THICKNEES.

USG BORAL STANDARD CORE (MOTHERBORD) 8mm (DENSITY : 682kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 8mm) MEASURED THICKNEES.

17) USG BORAL (MINI8 WETSTOP) 8mm (DENSITY : 595kg/m^3), SIZE OF SPECIMEN (225mm x 225mm x 7.9mm) MEASURED THICKNEES.

USG BORAL (MINI 8 WETSTOP) 8mm (DENSITY : 589kg/m^3), SIZE OF SPECIMEN (270mm x 885mm x 8.0mm) MEASURED THICKNEES.

Nama & Alamat Pengeluar	:	USG BORAL SDN BHD
Tahap Rintangan Api	:	CLASS ´O`
No. Laporan ujian/Tarikh	:	SIRIM 2018FE0757 (14/11/2018), SIRIM 2018FE0758 (14/11/2018), SIRIM 2018FE0745 (14/10/2018), SIRIM 2018FE0746 (14/10/2018), SIRIM 2018FE0747 (14/11/2018), SIRIM 2018FE0748 (14/11/2018), SIRIM 2018FE0751 (14/11/2018), SIRIM 2018FE0752 (14/11/2018), SIRIM 2018FE0761 (14/11/2018), SIRIM 2018FE0762 (14/11/2018), SIRIM 2018FE0776 (27/11/2018), SIRIM 2018FE0777 (27/11/2018), SIRIM 2018FE0735 (09/11/2018), SIRIM 2018FE0736 (09/11/2018), SIRIM 2018FE0753 (14/11/2018), SIRIM 2018FE0754 (14/11/2018), SIRIM 2018FE0756 (14/11/2018), SIRIM 2018FE0755 (14/11/2018), SIRIM

		2018FE0743 (08/11/2018), SIRIM 2018FE0744 (14/11/2018), SIRIM 2018FE0778 (19/10/2018), SIRIM 2018FE0779 (19/10/2018), SIRIM 2018FE0098 (28/02/2018), SIRIM 2018FE0099 (28/02/2018), SIRIM 2018FE0779 (19/10/2018), SIRIM 2018FE0794 (27/11/2018), SIRIM 2018FE0795 (27/11/2018), SIRIM 2018FE0787 (19/10/2018), SIRIM 2018FE0786 (19/10/2018), SIRIM 2018FE0788 (27/11/2018), SIRIM 2018FE0789 (27/11/2018), SIRIM 2018FE0790 (19/10/2018), SIRIM 2018FE0791 (19/10/2018) & SIRIM 2018FE0765 (19/10/2018), SIRIM 2018FE0766 (19/10/2018).
Skim Persijilan Barangan	:	**SIRIM QAS INT. NO. FL 000005, NO. SIRI 058593 (SAH SEHINGGA 19/10/2021)** **SILA KEMUKAKAN LESEN PENSIJILAN BARANGAN TERBARU DAN UNTUK PERMOHONAN AKAN DATANG.**
Had Kegunaan	:	**PEMASANGAN HENDAKLAH MEMATUHI SPESIFIKASI UJIAN DAN UBBL 1984 SERTA PERLU MEMATUHI SYARAT-SYARAT TAMBAHAN SEPERTI DI LAMPIRAN A2 & A3.**

JABATAN BOMBA DAN PENYELAMAT MALAYSIA
BAHAGIAN PERANCANGAN DAN PENGUDIKAN

Tempoh sah perakuan: **18/10/2020 hingga 19/10/2021**