

# Gyproc® Plasterboard

## Moisture Resistant



Recommended to use with  
Vinh Tuong Metal Frame



# GYPROC® MOISTURE RESISTANT PLASTERBOARD

## Product Matrix

Thickness (mm)	Dimension (mm) width x length	Edge type (*)
9	2440 x 1220	SE
12.5	2440 x 1220	RE
15	2440 x 1220	RE

### (\*) Edge type



- Squared edge
- Recessed edge

### Key facts

- Water absorption: <5% w/w (follow ASTM C1396 and TCVN 8256)
- Flammability: Non-combustible material (follow QCVN 06-2010 and EN ISO 1182).

### Benefits

- Extra moisture resistance
- Lightweight material
- Quick and easy installation
- Does not produce toxic fumes or hazardous substances that are harmful to health
- Highly flexible in creating the highest standards of design
- Easily decorated with paint, tiles, wallpaper, etc.
- Easy to bend to create unique design ideas

### Manufacturing Standards

- TCVN 8256
- European Standard EN 520
- American Standard ASTM C1396
- QCVN 16



### Application

Suitable for ceilings (with 9mm thickness) and drywalls (with  $\geq$  12.5mm thickness) of private houses, hotels, and commercial centers...

Suitable as a base for ceramic tiling of wet use areas, such as bathrooms and kitchens. Also used for external soffits in sheltered positions.

### Recommendation when using Gyproc® Moisture Resistant Plasterboard

#### • Temperature

Gyproc® Moisture Resistant Plasterboard is not suitable to use in areas subject to continuous wet conditions, and can not be used as a moisture barrier.

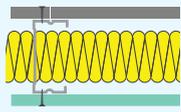
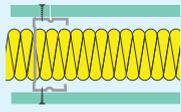
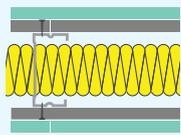
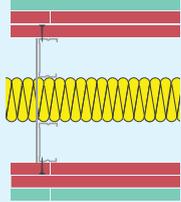
Gyproc® Moisture Resistant Plasterboard is not suitable to use in temperature greater than 49°C, but can withstand ice conditions without the risk of deterioration.

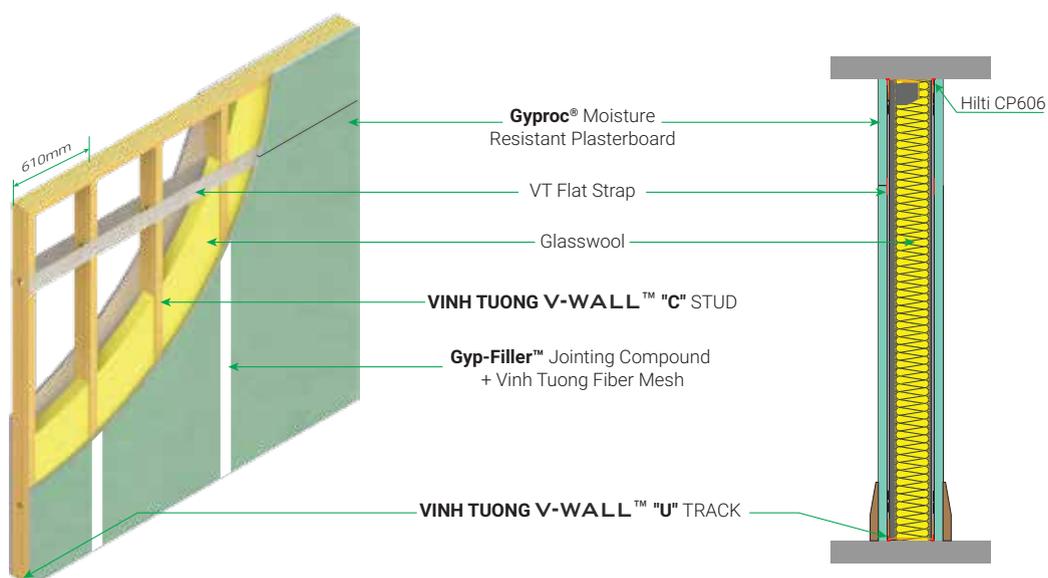
#### • Moisture Condensation

When designing constructions, the possibility of phenomena caused by moisture and condensation should be considered to eliminated, especially in rehabilitation works.



# DRYWALL SYSTEM USING GYPROC® MOISTURE RESISTANT PLASTERBOARD

No	System	Details	Acoustic performance (dB)	Fire rated (mins)	Approx. weight (Kg/m <sup>2</sup> )	Max height (mm)
1	GypWall AQUA	<p><b>Board:</b> 01 layer of 12.5mm Gyproc® Classic Plasterboard to one side and 01 layer of Gyproc® Moisture Resistant Plasterboard to the other side.</p> <p><b>Frame:</b> Vinh Tuong V-WALL STUD C75mm, spacing 610mm.</p> <p><b>Core:</b> Glasswool 50mm thickness, density 12kg/m<sup>3</sup>.</p> 	42	30	22	3600
2		<p><b>Board:</b> 01 layer of 12.5mm Gyproc® Moisture Resistant Plasterboard to both sides.</p> <p><b>Frame:</b> Vinh Tuong V-WALL STUD C75mm, spacing 610mm.</p> <p><b>Core:</b> Glasswool 50mm thickness, density 12kg/m<sup>3</sup>.</p> 	42	30	22	3600
3		<p><b>Board:</b> 01 inner layer of 12.5mm Gyproc® Classic Plasterboard and 01 outer layer of 12.5mm Gyproc® Moisture Resistant Plasterboard, applied to both sides.</p> <p><b>Frame:</b> Vinh Tuong V-WALL STUD C75mm, spacing 610mm.</p> <p><b>Core:</b> Glasswool 50mm thickness, density 24kg/m<sup>3</sup>.</p> 	50	60	40	4600
4		<p><b>Board:</b> 02 inner layer of 15mm Gyproc® FireStop Plasterboard and 01 outer layer of 9mm Gyproc® Moisture Resistant Plasterboard, applied to both sides.</p> <p><b>Frame:</b> Vinh Tuong V-WALL STUD C75mm, twin frame braced at 1200mm centres vertically 238mm overall width.</p> <p><b>Core:</b> Glasswool 50mm thickness, density 24kg/m<sup>3</sup>.</p> 	60	120	68	7500

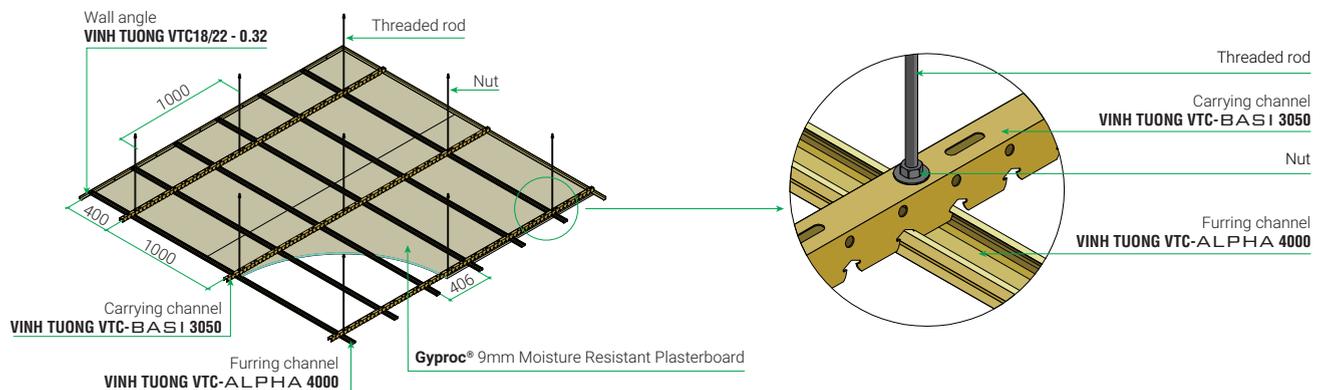
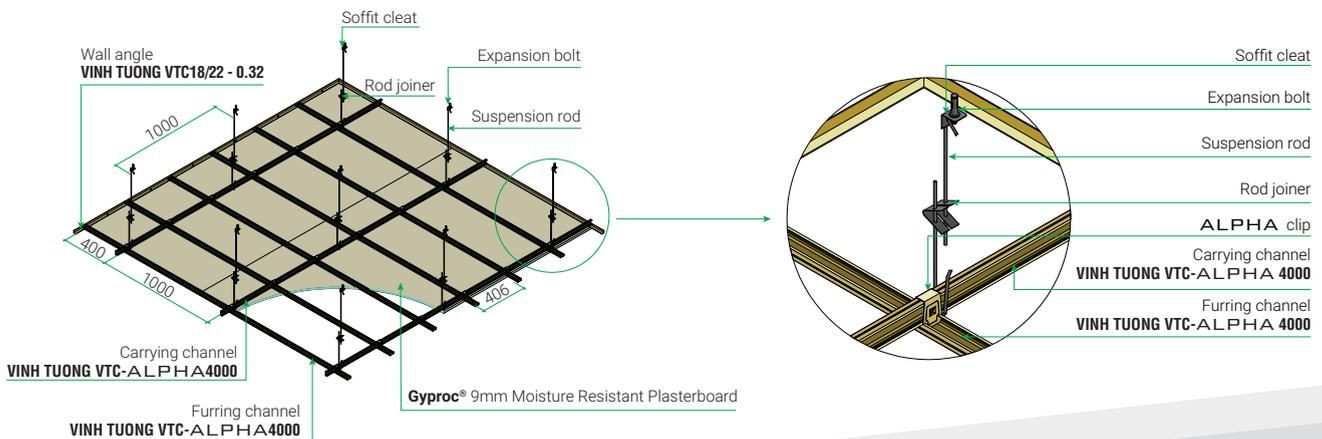


**GYPWALL AQUA 01 LAYER SYSTEM - BOTH SIDES MOISTURE RESISTANT**

# CEILING SYSTEM USING GYPROC® MOISTURE RESISTANT PLASTERBOARD

No	System	Details	Finishing	Approx. weight (Kg/m <sup>2</sup> )
1	GypCeil AQUA	Concealed ceiling system <b>Vinh Tuong ALPHA™</b> with 01 layer of 9mm <b>Gyproc®</b> Moisture Resistant Plasterboard.	<b>Gyp-Filler™</b> Jointing Compound + Vinh Tuong Paper Tape / Glass Fiber Mesh Tape	7.6
2		Concealed ceiling system <b>Vinh Tuong BASI™</b> with 01 layer of 9mm <b>Gyproc®</b> Moisture Resistant Plasterboard.	<b>Gyp-Filler™</b> Jointing Compound + Vinh Tuong Paper Tape / Glass Fiber Mesh Tape	8

## Vinh Tuong ALPHA™ concealed ceiling system



## Vinh Tuong BASI™ concealed ceiling system

# COMPONENTS USED IN VINH TUONG - GYPROC® SYSTEM

Components used to assemble the systems are crucial and play an important role in sustaining system performance. We strongly recommend the components specified here for reliable, effective and efficient systems:



Concealed Ceiling  
**VINH TUONG ALPHA™**



Concealed Ceiling  
**VINH TUONG BASI™**



Drywall  
**VINH TUONG V-WALL™**



Wall Angle VTC 18/22



Vinh Tuong  
Corner Bead V



**Gyproc®** Moisture Resistant  
Plasterboard



**Gyp-Filler™**  
Jointing Compound



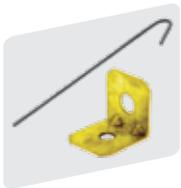
Vinh Tuong  
Wafer Head Screw



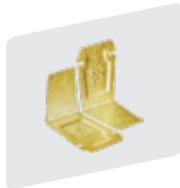
Vinh Tuong  
Unicorn Screw



Expansion Bolt



Suspension Rod/  
Soffit Cleat



ALPHA Clip



Vinh Tuong  
Rod Joiner



Vinh Tuong  
Paper Tape



Vinh Tuong  
Glass Fiber Mesh Tape

## 10 things you may not know about Gyproc® plasterboard



**1** Technical guaranteed drywall that are sturdy and durable enabling **heavy weight applications of up to 20kg/ hanging point** (on 12.5mm plasterboard) when using the specific screw.



**2** **Light weight (8 to 10 times lighter than brickwall)**, helps reducing structural cost.



**3** **Fast speed of installation** (2 to 3 times faster than brickwall) easy for M&E installation.



**4** **Aesthetic** appeal that result in seamless and **crack-free** surfaces, allowing ease of decoration via paint, tiles or wallpapers.



**5** **Excellent thermal insulation** to help reduce electricity consumption especially in rooms with air conditioner (thermal insulation capability depends on each system).



**6** **Excellent sound insulation** that provides a pleasant and peaceful environment in your home and commercial spaces (sound insulation capability depends on each system).



**7** **Fire-rated wall and ceiling systems** limit internal fire spread to enable you to exit safely in the event of fire (fire-rated capability depends on each system).



**8** **Moisture resistant** properties enabling usages in intermittently damp areas such as bathrooms and kitchen.



**9** **Environmentally friendly** as Gyproc® boards are made of 100% natural gypsum which are non-toxic and non-hazardous.



**10** Gyproc® boards are **recyclable**



## Saint-Gobain Group

Saint-Gobain designs, manufactures and distributes materials and solutions which are key ingredients in the wellbeing of each of us and the future of all. Saint-Gobain solutions can be found everywhere in our living places and our daily life: in buildings, transportation, infrastructure and in many industrial applications. They provide comfort, performance and safety while addressing the challenges of sustainable construction, resource efficiency and climate change.

**2018 net sales: €41,774M**

**Industrial presence in 67 countries**

**More than 170.000 employees**

## In Viet Nam

Belonging to Saint-Gobain Group, Saint-Gobain Vietnam is the market leader in Viet Nam offering a wide range of products and services for construction material business. Our key brands include: **Gyproc® - VINH TUONG®** providing innovative drywall and ceiling solutions; **DURAFlex®** Calcium Silicate board offering good solution for wet areas; We also have **Weber** brand to provide solution for tile adhesives, sealants and waterproofing products.

Our mission is to develop innovative products and services that help customers build better spaces to live, work and play. In every kind of building from home to work, from hotel to school or hospital, our solutions help to create indoor living spaces that improve your well-being through better fire protection, acoustic or aesthetic performance.



### Saint-Gobain Vietnam Limited

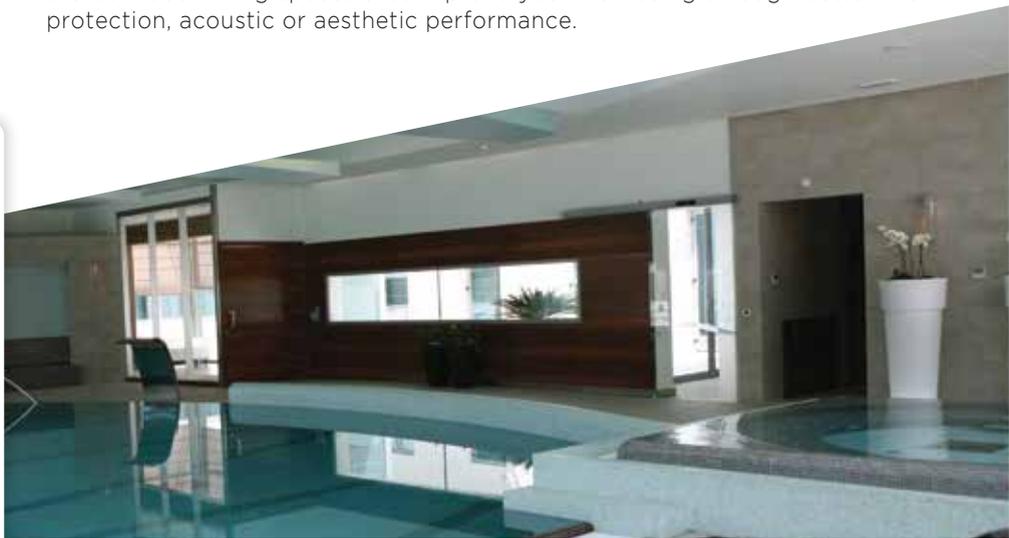
Floor 9, IPC Tower, 1489 Nguyen Van Linh Street,  
Ward Tan Phong, District 7, Ho Chi Minh City

### Vinh Tuong Industrial Corporation

Floor M., IPC Tower, 1489 Nguyen Van Linh Street,  
Ward Tan Phong, District 7, Ho Chi Minh City

### Vinh Tuong Industrial Company Limited Northern Vietnam

Floor 14, Lilama Tower, To Huu Street,  
Trung Van Ward, Tu Liem District, Ha Noi City



The brochure takes effect from 01/06/2019 and automatically replaced previous-published documents.

For more information, please visit our websites:

[www.gyproc.vn](http://www.gyproc.vn) - [www.vinhtuong.com](http://www.vinhtuong.com) - [www.tranhadep.com](http://www.tranhadep.com)

**Hotline**



## Backboard Printing

Board produced in Viet Nam



Thạch Cao Chất Lượng PHÁP  
**ĐẲNG CẤP CỬA**  
**NHÀ VÔ ĐỊCH**



TẤM THẠCH CAO GYPROC CHỊU ẨM

9 mm x 1220 mm x 2440 mm - BS EN 520 / ASTM C 1396 / TCVN 8256

Đang chờ hệ thống thông tin báo giá xin liên hệ: Thạch Cao Chất Lượng

KHUYẾN NGHỊ SỬ DỤNG CÙNG KHUNG VĨNH TƯỜNG - Hotline: 18001218



Board imported

Thạch Cao  
Chất Lượng Pháp



12.5 mm x 1220mm x 2440mm Moisture Resistant Board 00 000000 00:00:00

BS EN 520 / ASTM C 1396 / TCVN 8256 / QCVN16. Made in Thailand.

KHUYẾN NGHỊ SỬ DỤNG CÙNG KHUNG VĨNH TƯỜNG





MOISTURE RESISTANT  
**DOUBLE FUNCTION**  
 NON-COMBUSTIBLE

- ① Board produced in Viet Nam
- ② Board imported

Green end-tape  
 Light green face paper

**GYPROC® MOISTURE RESISTANT PLASTERBOARD**

**Gyproc®** Moisture Resistant Plasterboard with water repellent additives at the core, encased in a special green paper liner. The gypsum compound and papers are mixed with special substances to specifically increase moisture resistance.

These boards are highly suitable as bases for ceramic tiling and marble in intermittent moisture areas such as bathrooms or kitchens, and also external soffits in sheltered positions.

Made from 100% natural gypsum, **Gyproc®** Moisture Resistant Plasterboard is produced with leading-edge technology with high quality and international standards recognition.