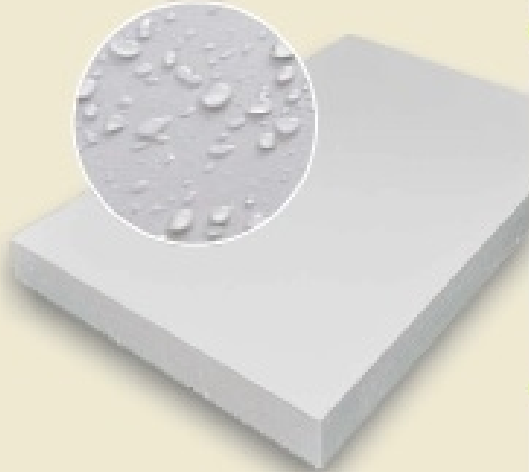







# Water-Retardant Gypsum Board

	<p><b>Tile backing board for partition of wet and humid areas such as bathroom, kitchen.</b></p> <p><b>【 Dimension 】</b>          9 × 1220 × 1830mm          15 × 1220 × 1830mm          19 × 1220 × 1830mm</p> <p><b>【 Characteristic 】</b>          1. Incombustibility = Grade 1          2. Water absorption &lt; 10%          3. Tile adhesion strength &gt; 38N/cm<sup>2</sup></p> <p>      </p>
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 <p><b>NO CRACKS</b></p>	<p>Drywall constructed with UCC Water-Retardant Gypsum Board is extremely stable, so the tile wouldn't crack or peel.</p>	 <p><b>FAST INSTALLATION</b></p>	<p>UCC Water-Retardant Gypsum Board is easily cut and quickly applied. Surface of UCC Water-Retardant Gypsum Board fits perfectly with waterproof membrane and can be decorated with tile easily.</p>
 <p><b>ECO-FRIENDLY</b></p>	<p>UCC Water-Retardant Gypsum Board can be fully recycling.</p>	 <p><b>SAFETY</b></p>	<p>No asbestos, no formaldehyde in UCC Water-Retardant Gypsum Board. UCC Water-Retardant Gypsum Board is a safe and pollution-free green building materials.</p>
 <p><b>SOUND ATTENUATION</b></p>	<p>UCC Water-Retardant Gypsum Board offers great sound attenuation.</p>	 <p><b>EASY INSTALLATION OF PIPE SYSTEM</b></p>	<p>Walls constructed with UCC Water-Retardant Gypsum Board is easy to install pipe systems and rarely distort or crack resulted from earthquake.</p>

## Gypsum Board

## Fire-Rated Partitions

### ■ Universal Cement Corp.


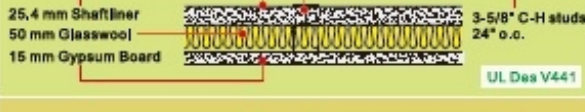



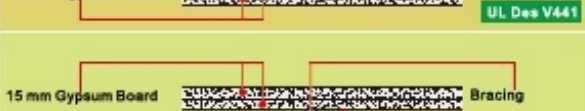
Universal Cement Corporation (UCC) was established in 1959 in Taiwan. The company mainly produces cement, ready-mix concrete and gypsum board. UCC also actively develops overseas investment and engages in diverse operation. Now, there are more than 30 companies through transfer investment in Asia, including bank, securities, construction, transportation, automobile, telecommunication etc..

### ■ Building Materials Division

Since 1991, the Universal Cement Corporation has been the leading brand in the drywall industry, providing consumers with fire-proof gypsum board panels. The corporation currently operates the sole gypsum board production line in Taiwan and has attained numerous certificates of quality including the Taiwan's CNS, United States' ASTM and UL and Great Britain's BS certificates.

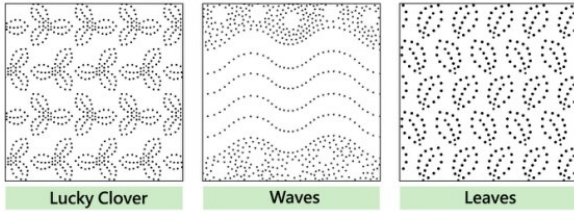
Type	Thickness	Width x Length	Edge	Application
Regular Gypsum Board	9mm(3/8")	3'x6' 4'x8'	Square or Beveled	Applicable to partitions and ceiling.
	12mm(1/2")	3'x6' 4'x8'		
Fire-Resistant Gypsum Board	12mm(1/2")	4'x6' 4'x8'	Beveled or Tapered	Applicable to fire resistant partitions and ceiling.
	15mm(5/8")	4'x6' 4'x8'		
	19mm(3/4")	4'x6'		
Fire-Resistant Shaftliner	25.4mm(1")	2'x8'	Double Beveled	Applicable to elevator shafts, stairwalls and mechanical shafts.
Gypsum Sheathing Board	9mm	4'x6'	Square or Beveled	Applicable to partitions and ceiling in humid area
	12mm(1/2")	4'x8'	Beveled or Tapered	
	15mm(5/8")	4'x8'	Beveled or Tapered	

Note : Dimensions are customizable on meeting the minimum order quantity.

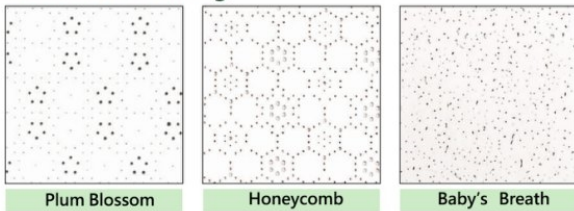
System No.	Fire Rating	Detail & Physical Data
P060A01	1 hr.	 <p>15 mm Gypsum Board 50 mm Glasswool 15 mm Gypsum Board 2-1/2" C studs 24" o.c. UL Des V440</p>
P060A03	1 hr.	 <p>25.4 mm Shaftliner 50 mm Glasswool 15 mm Gypsum Board 3-5/8" C-H studs 24" o.c. UL Des V441</p>
P060A04	1 hr.	 <p>15 mm Gypsum Board 50 mm Glasswool 15 mm Gypsum Board Bracing 2-1/2" C studs 24" o.c. UL Des V442</p>
P120A01	2 hr.	 <p>15 mm Gypsum Board 50 mm Glasswool 15 mm Gypsum Board 2-1/2" C studs 24" o.c. UL Des V440</p>
P120A03	2 hr.	 <p>25.4 mm Shaftliner 50 mm Glasswool 15 mm Gypsum Board 3-5/8" C-H studs 24" o.c. UL Des V441</p>
P120A05	2 hr.	 <p>15 mm Gypsum Board 50 mm Glasswool 15 mm Gypsum Board Bracing 2-1/2" C studs 24" o.c. UL Des V442</p>

## Decorative Tiles

### ■ Embossed facing ( DEM inc.)



### ■ Embossed facing



### ■ Laminated facing



### Size

9mmX603mmX603mm

Note : Dimensions are customizable on meeting the minimum order quantity.



## Universal Gypsum Board



www.ucctw.com



### RAYSOUND BUILDING MATERIALS CORP.

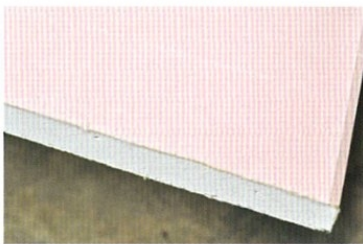
22F., No.94, Sec.1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan  
 T:+886-2-86961792 F:+886-2-86961505  
 www.raysound.com.tw



## Seamless process for connecting Gypsum board during construction

### ■ Edge process

While constructing, for better vertical connecting, need to use planer in trimming the square edge on top end and bottom end of Gypsum board to be a bevelled edge.



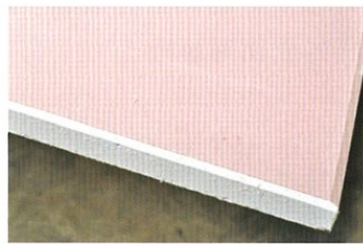
◎ Bevelled edge and square edge



◎ Planer

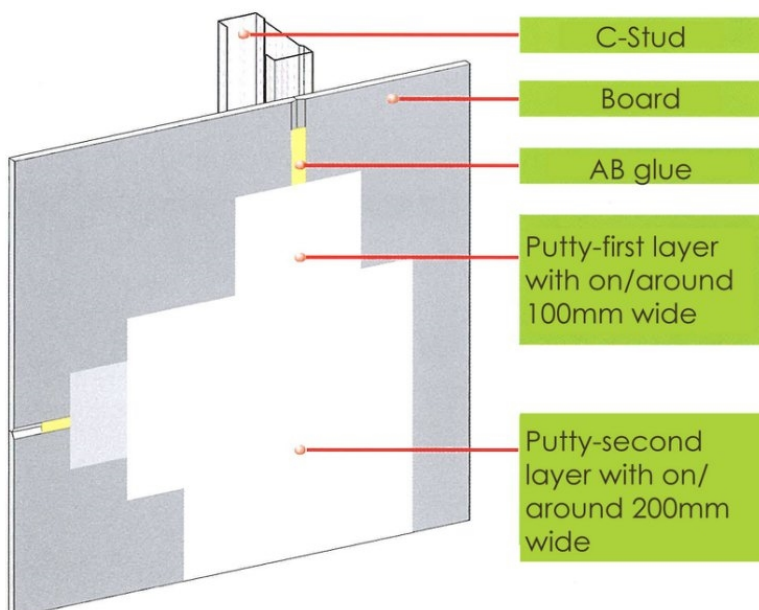


◎ Trimming to be Bevelled edge

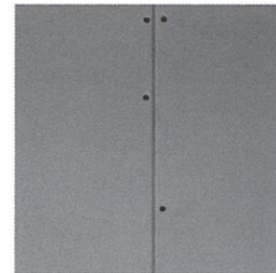


◎ Finished Bevelled edge

### ■ Schematic Diagram



### ■ Seaming process



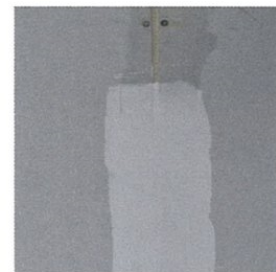
#### Step 1.

Fixing gypsum board with C-stud, please ensure no space left board to board.



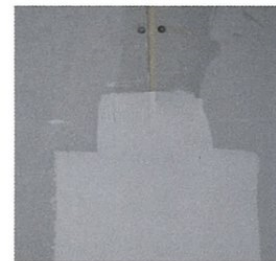
#### Step 2.

Placing AB glue on Bevelled edge, use putty knife to flat the glue evenly.



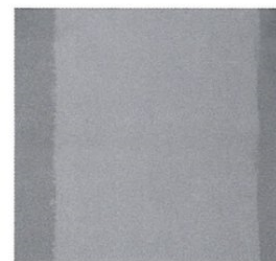
#### Step 3.

Apply first layer of putty on/ around 100mm wide.



#### Step 4.

Apply second layer of putty on/ around 200mm wide.



#### Step 5.

To be ensure the finished surface after second layer is flat and even.

[www.raysound.com.tw](http://www.raysound.com.tw)