







## Benefits of Drywall

Gyproc Drywall are a high performance light weight systems consisting of VTI metal frame, encased with Gyproc plasterboards on both sides, and attached

through self-drilling VTI drywall screws. The joints are then taped and finished with Gyp-Filler Jointing Compound.

### Benefits of Drywall

| Key feature                                                                     |                                                                                     | Benefit                                                             |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Fast speed of installation<br>(2 to 3 times faster than brickwall)              |    | Earlier completion, earlier ROI<br>(return on investment)           |
| Light weight<br>(8 to 10 times lighter than brickwall)                          |    | Reduce structural cost                                              |
| Acoustic Performance<br>(from 42dB to 69dB)                                     |  | Quiet environment                                                   |
| Fire Performance<br>(from 30 to 180 mins)                                       |  | Protect people and properties,<br>comply to Vietnam fire regulation |
| Aesthetic Appeal & Flexibility                                                  |  | Guaranteed freedom in design<br>Adapted to changing decor trends    |
| Environment Friendly<br>(100% recyclable & unburnt material, low VOC emission ) |  | Adapted to modern green and sustainable building trend.             |

Comparison with brick wall and AAC wall



| Feature                  | Drywall Partition                                              | Brick wall                        | AAC wall                     |
|--------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Speed of installation*   | 15-25 m <sup>2</sup> /day                                      | 7-10 m <sup>2</sup> /day          | 10-12 m <sup>2</sup> /day    |
| Weight (100mm thickness) | 20 Kg/m <sup>2</sup>                                           | 200 Kg/m <sup>2</sup>             | 60 Kg/m <sup>2</sup>         |
| Sound insulation         | Up to 69 dB possible with insulation                           | 35-50 dB                          | 35-50 dB                     |
| Heat insulation          | Four times less heat convection K=0.16W/m.K                    | High heat convection, K=0.81W/m.K | K = 0.18 W/m.K               |
| Fire rating              | Can be designed to provide stability, integrity and insulation | Weak in terms of insulation       | Less in terms of insulation  |
| Wall Surface             | Naturally smooth Skimming only                                 | Need plastering and skimming      | Need plastering and skimming |
| M&E construction         | Located within the wall                                        | Need to chase and drill wall      | Need to chase and drill wall |

\* 1 worker and 1 helper