

Case Study - Mercure & ibis Sukhumvit 24, Bangkok

DRYWALL SOLUTION FOR FLEXIBILITY AND SPEED OF HOTEL CONSTRUCTION



Accor Group hotels built fast and according to their star ratings

Project	Mercure & ibis hotels, Bangkok Sukhumvit 24, Thailand
Location	Bangkok, Thailand
Developer	The Erawan Group Public Company Limited
Architects	Palmer & Turner (Thailand) Ltd
Builder	Teka Construction Co. Ltd
Year	2019
Products	MultiWall System Standard Board Plus 4-Tapered Edges (Synia) MoistBloc Board Plus 4-Tapered Edges (Synia) ProWall ProLine Easy Quik Jointing Compound NoizeBloc

One of the world’s leading hotel chains, the Accor Group is expanding rapidly in South-East Asia. A recent project on Bangkok’s popular Sukhumvit thoroughfare involved the construction of two hotels in a shared tower – one for the business-standard Mercure brand and the other for budget brand ibis. Together, they provide 501 guest rooms over 28 floors in addition to restaurants, retail outlets and other guest services.

Fit for purpose

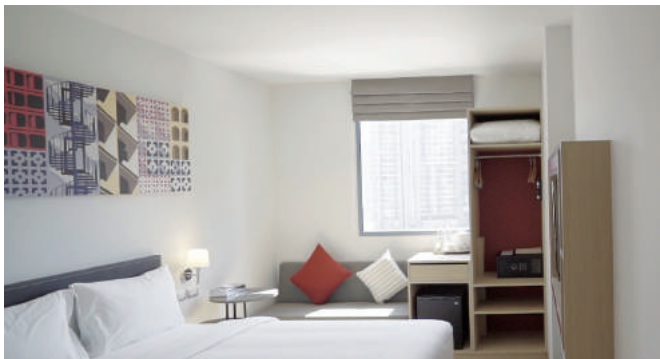
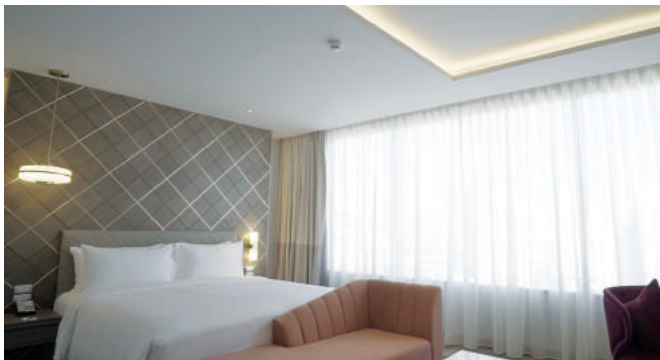
USG Boral was welcomed by renowned international hospitality architecture firm Palmer & Turner when it gave more flexibility to meet the stringent acoustic ratings of international hotel chains, while also achieving fire resistance rating. Drywall is durable and strong enough to bear similar hanging loads to conventional masonry walls.

The drywall Multiwall system was chosen for partitions between the guest rooms as it can achieve the sound insulation specifications of the 5-star Mercure chain. Contrary to traditional assumptions, it can achieve higher acoustic ratings than masonry.

Reduced construction time

Speed of construction is always a critical factor in the hospitality sector – so new properties can reliably take advance bookings and start welcoming guests as soon as possible. Drywall construction is a faster way of erecting new hotels with enhanced sound insulation, making it a better investment.

Lack of skilled labour also makes drywall construction a superior choice as it requires smaller workforces. Other advantages are lower waste than traditional construction methods and less problems with cracking walls.



Products suitable for all areas

When designing hotels for an area where real estate is at a premium price, maximising usable space within accommodation areas is of high importance. Drywall construction typically occupies 17% less floor space than masonry, so it delivers more floor space. At the same time, global hotel brands have a reputation for a particular experience that guests can trust and expect to find in any city – which means meeting the relevant star ratings.

The quality of plasterboard used in ceilings was also selected according to each application. A Standard Board Plus 4-Tapered Edges (Synia) was used in the ceilings of guest rooms, while MoistBloc Board Plus 4-Tapered Edges (Synia) was used in wet areas such as guest bathrooms and restrooms.

Close collaboration and services

The USG Boral engineering team worked closely with the developer, architect and main contractor to design and develop the right solution for different aspects of the project.

We also provided samples of products in order to demonstrate the different components and systems – then provided training for construction workers and contractors applying finishes to wall and ceiling surfaces. Close supervision and work inspections by USG Boral’s experienced team helped to ensure work proceeded smoothly throughout the project.



Worth doing again

The architect was satisfied by both the sound insulation and other specialised properties of USG Boral’s drywall construction materials, especially the ability to complete the project within a tight deadline.

This satisfactory outcome of the dual-hotel project for Accor at Sukhumvit 24 has the developer intending to use drywall construction for a future hotel project elsewhere in Thailand, which is currently at the Environmental Impact Assessment stage.

PRODUCT INFORMATION

See www.usgboral.com/hotelsystems
for the most up-to-date product information.



SALES & TECHNICAL INQUIRIES

HOTLINE (WA/CALL) : 021 - 797 7777

There are many variables that can influence construction projects, which affect whether a particular construction technique is appropriate. Before proceeding with any project, we recommend you obtain professional advice to ascertain the appropriate construction techniques to suit the particular circumstances of your project. We recommend you use qualified tradespersons to install this system.

The technical information contained in this manual was correct at the time of printing. Building systems, details and product availability are, however, subject to change. To ensure the information you are using is current, USG Boral recommends you review the latest building information available on the USG Boral website.

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Head Office

PT. PETROJAYA BORAL PLASTERBOARD

Palma Tower, Lt. 21,
Jl. RA. Kartini III-S Kav. 6, Sektor II
Pondok Pinang, Kebayoran Lama
Jakarta Selatan 12310
Phone. 021 - 2753 8100 (Hunting)
Fax. 021 - 2753 8199