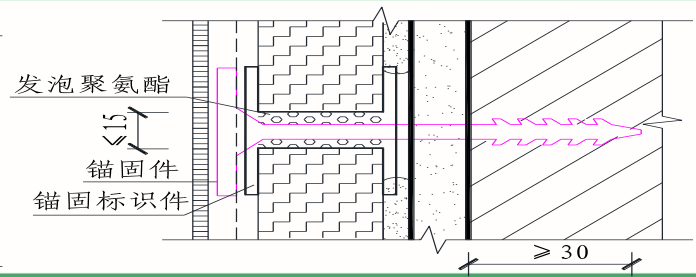
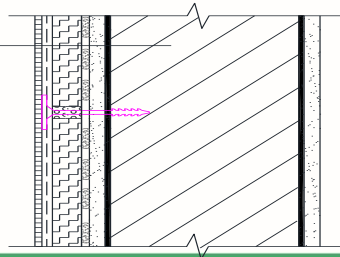


基层墙体  
 DP砂浆找平层  
 DEA聚合物粘结砂浆  
 30厚STP真空绝热板  
 10厚DBI干拌砂浆抹面层  
 中间压入耐碱玻纤网  
 DTA砂浆  
 5厚陶瓷锦砖



## VIPA International Case Study

### German Enterprise Centre in Qingdao, P.R. China

#### The Situation

The German Enterprise Centre Qingdao is an organization supported by the German government providing investment services for overseas German companies. It provides German small and medium-sized enterprises with services such as market consultation, product exhibition, office space, business meetings, accommodations, leisure, entertainment, catering, etc., so that it become a service platform to promote German companies in China. The building in Qingdao is the third one in China after the ones in Beijing and Shanghai. The total investment of the project is 677 million CNY and the total construction area is 75,000 square meters. It was completed in December 2015.

From the start, the project was associated with high energy-saving requirements. According to the requirements, the external wall insulation system was applied using a polymer-modified adhesive mortar pasted 30 mm VIP with 10 mm dry mix external insulation mortar (alkali-resistant glass fiber mesh cloth was pressed in the middle) as overcoat protection. The decorative layer structure is 5 mm ceramic tile pasted by dry mix tile adhesive mortar with ceramic tile caulking agent.

#### The Result

After completion, the project proved to have fully met the requirements with excellent insulation performance. In July 2014, the project was pre-certificated for the 'Gold Award' by DGNB (Sustainable Building Association) in Germany. It is the world's largest pre-certification project for the DGNB 'Gold Award', and is also the first DGNB pre-certification 'Gold Award' under construction in Asia. In April 2015, the "Three-Star Green Building Design Certificate" was issued by the Chinese Ministry of Housing and Urban-Rural Development for the project and it has become the first double-certified project to receive both the national green building 'Three-Star' certificate and the 'Gold Award' by DGNB.

At present, Steigenberger, one of Germany's three major hotel brands, Obermeyer Holding GmbH, Passive House Research Institute of Germany, Ingenieurbüro INCO GmbH, German Energy Center and College and Mannheim Qingdao representative office have already settled in the German Enterprise Centre Qingdao.

**Case study provided by Qingdao Creek Kerui New Environmental Materials**

VACUUM INSULATION PANEL



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#### About VIPA International:

The Vacuum Insulation Panel Association is a global trade association representing the interests of manufacturers of vacuum insulation panels as well as supply chain. The mission of the association is to act as the global voice of the vacuum insulation panel industry, promote quality and raise awareness of the potential to save space and energy costs and to reduce carbon dioxide emissions in a wide range of applications and industries. VIPA International is a 501 (c) (6) not-for-profit organisation incorporated under the law of the State of Delaware in the United States of America.

The association was created in August 2014 by ten founding members.

For more information visit the website: [www.vipa-international.org](http://www.vipa-international.org) or contact the global office at [VIPA-international@kelleneurope.com](mailto:VIPA-international@kelleneurope.com)