

全台第一條全自動化ALC輕質磚生產線

The First Professional Autoclaved Lightweight Concrete Supplier in Taiwan

國宇建材股份有限公司

GOYU BUILDING MATERIALS CO., LTD.

看準國內輕隔間市場的需求與商機，同時提供更多元的建材選擇，國宇建材是台灣第一條全自動化 ALC 輕質磚生產線，2018 年正式成立白磚製造工廠，不論廠商訂貨或售後服務都更直接有效率，甫成立便與國內知名營造工程公司簽訂供貨合約，未來將滿足國內需求，同時外銷創造更大商機。

GoYu Building Materials Co., Ltd. was the first professional white brick supplier in Taiwan and established the Autoclaved Lightweight Concrete factory in 2018. The Company entered into a supply agreement with famous domestic construction firms and started to offer a new choice of partition material in the market.



功能俱全 隔音隔熱兼防火

All-purpose For Sound Proofing, Insulation, and Fire Retarding

相較於國內過去完全仰賴進口且較為少見，ALC 輕質磚在歐美、日本早已風行多年，不論外牆、樓梯、隔間、圍牆都有使用，它具備強力的隔音、隔熱、防火功能，隔音可達 45 分貝，防火時效 3 小時，還能保溫隔熱；此外，ALC 輕質磚質地堅硬，壁掛廚具無須另外加裝特殊釘具。

Autoclaved Lightweight Concrete has been popular in Europe, America, and Japan for long time, and is used in the construction of exterior walls, staircases, partitions, and fences. This product is good in sound proofing, insulation, and fire retarding with heat tolerance at Grade I, and fire-retardant capacity for 3 hours.



施工簡易 材質輕盈又實惠

Easy to Use With a Light Weight and Low Price

相較於其他隔間建材，ALC 輕質磚整體重量較輕，重量更不到傳統磚牆的 3 分之 1，搬運更省人力，也更不易造成建物負重增加；雖然質地堅硬，但 ALC 輕質磚便於裁切，工地現場只要有裁切機台，就能按照現場尺寸進行分割；在接合處施作時，只需使用石灰膏漿，即可將其縝密接合，不留縫隙。

Autoclaved Lightweight Concrete is just 1/3 of the weight of a piece of red brick of the same dimensions, and makes the moving of the materials simple and easy. It will not give any additional burden to the structure. The material is hard but easy to cut into the desired dimensions. Users just need to prepare one power saw at the work site and they can cut the material into different sizes as needed. Autoclaved Lightweight Concrete can be glued together with lime putty leaving no gap.

服務特色

Service Features



隔音降噪



施工便捷



輕質高強



保溫隔熱



安全環保



防火阻燃

項目	國宇輕質磚	灌漿牆	磚牆
組成	磚 黏著劑	砂漿 板材	磚 水泥漿
厚度 (cm)	10	8.7~10	12
重量 (kg/m ²)	50~60	100~120	220
施工速度	極快	慢	極慢
隔音	優	上孔上層灌漿 無法飽實，隔 音效果差	佳
配管	事後切割	水電預埋	事後敲鑿
防火 (hr)	3	2	1
品質	尺寸精準 表面平整	施工泵送 品質不一	傳統工廠 品質難控