

## WAVEBAR®

本安裝指南提供了Wavebar®應用的建議，以確保產品正確應用及降低噪音

### 工作安全規範

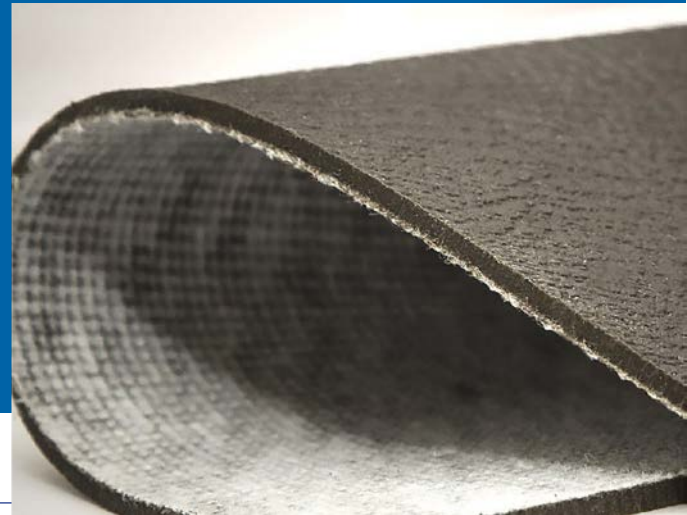
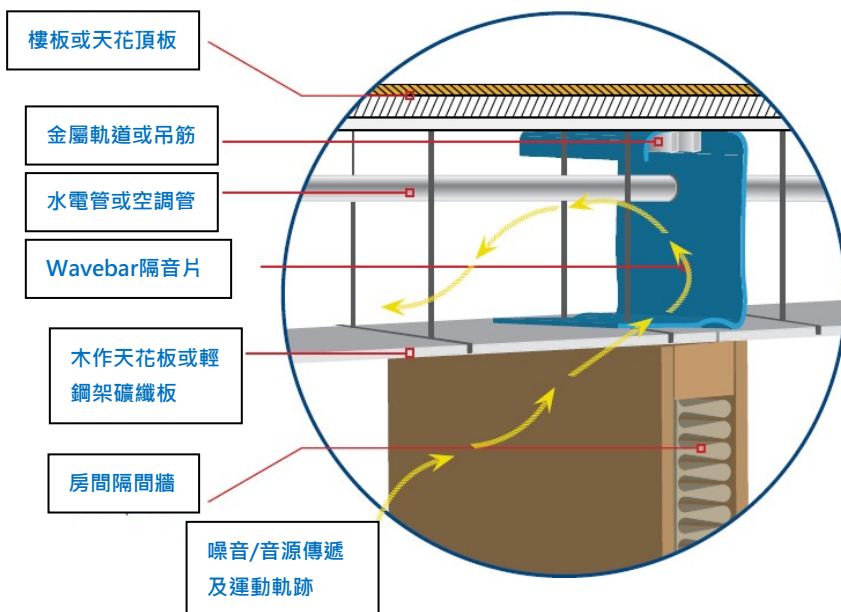
- 建議使用個人防護設備 (PPE)，包括護目鏡、手套和安全服

注意：本產品僅適用於專業和有經驗的用戶

### 產品概述

Wavebar® 彈性隔音片是高密度、具彈性的隔音毯氈，可銷抵及反射噪音

- 比全高隔板更靈活、實用和經濟
- 可減緩及改善相鄰房間的噪音以提高機密性
- 在辦公室、會議室可改善各房間的干擾，確保隱私和安心
- 諮詢室、電腦室、走廊、托兒所、醫院、飯店及月子中心等皆適用
- 易於安裝 - 適用於翻新。只需從樓板到天花板上懸掛，不需要額外的框架
- 透過實務經驗 - 本產品已被用於辦公室裝修和翻新三十多年，作為一種安全可靠的方法，可減少二間房間噪音透過共同天花板傳遞



Pyrotek的Wavebar®可顯著降低噪音。有關更多信息，請參閱Wavebar®TDS-311IP

## 應用

- 木作、輕質隔間牆壁、天花板和地板結構。適用於家庭劇院KTV、辦公室隔間、會議室
- 對於相鄰的隔間牆未頂到樓板，樓板及天花板間之中空層
- 可以安裝到輕質結構牆上，以減輕振動並減少空氣噪音
- 可改裝帷幕式隔音簾和布幔

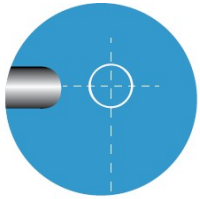
(請參閱 Wavebar-Install-304-4IG 資訊)

有關最新訊息，請參閱 [pyroteknc.com](http://pyroteknc.com) 網站

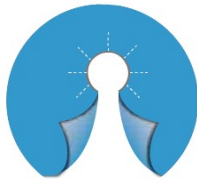


## WAVEBAR 天花板系統安裝

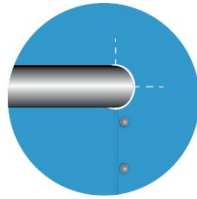
1. 安裝到樓板  
通過火藥槍或其他機械方式（鉚釘）將金屬軌道或木作條和隔音片固定到樓板上。建議使用矽利康或單液型PU膠粘劑輔助以確保Wavebar和樓板之間的聲學密封
2. 安裝到木作天花板或輕鋼架  
將隔音片垂直覆蓋至木作天花板或輕鋼架網格兩側的平面吊架上
3. 如中途有管路需照下圖方式圍繞包覆管道



a 測量出管徑直徑後，在隔音片上畫出圓形，並於圓形中心點畫個十字

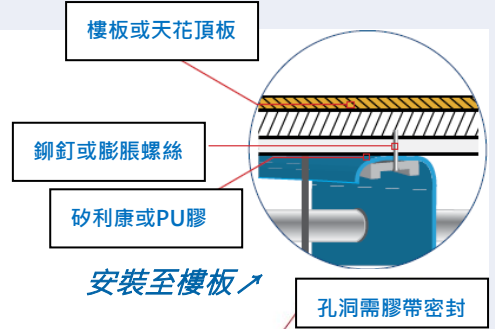


b 切割或移除圓形多餘的隔音片，並於圓形下方垂直線做切割

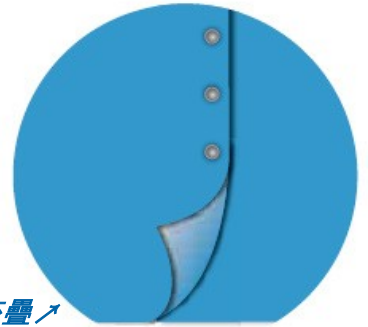


c 將管路穿過B圖裁剪的孔洞，並且在管路所有交合處上矽利康或PU膠，垂直下緣可上膠或是打釘

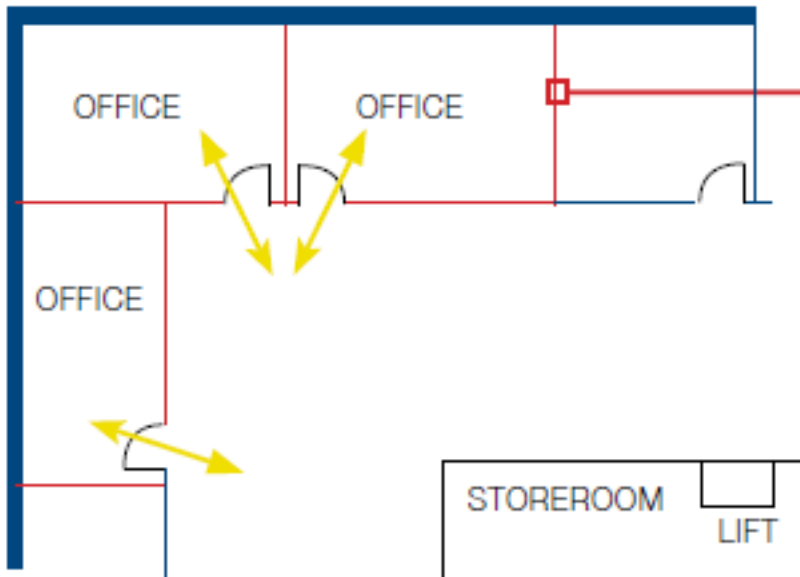
4. 銜接處交疊  
銜接處應交疊至少30-50 mm，並且每100 mm用螺釘/鉚釘牢固固定，或者上矽利康等黏膠
5. 空氣對流及換氣（僅為參考建議）  
在有對流或換氣考量情況下，可以通過在門口上方的擋板中留下的間隔來引導。如果需更高階聲學等級，則應使用專屬聲學管道



安裝至木作或輕鋼架天花板



銜接處交疊



Wavebar 安裝於各隔間上

room-to-room transmission loss via ceiling void is expressed in terms of ceiling attenuation class (CAC)

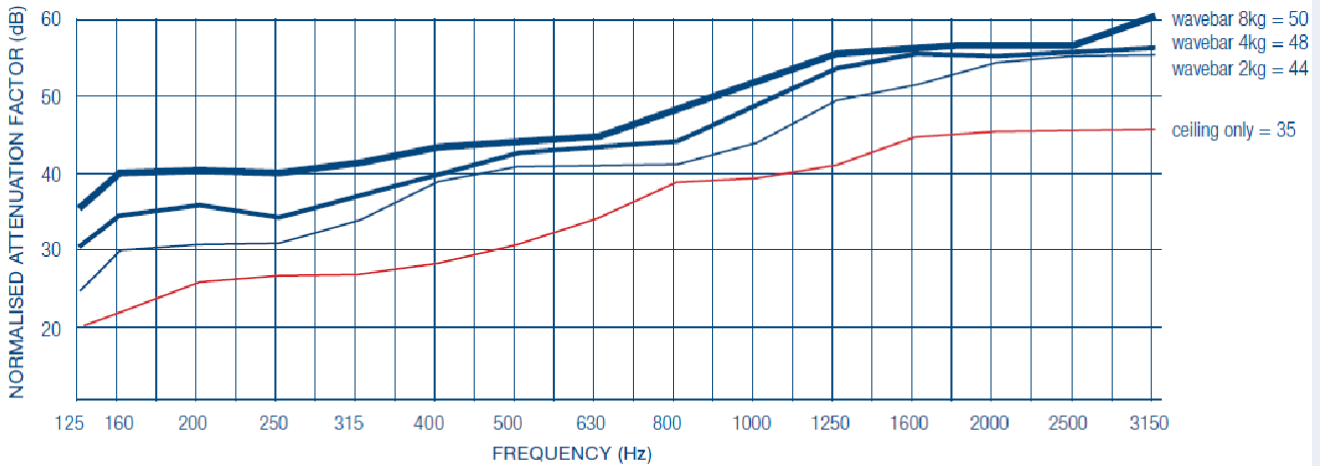


空氣對流及換氣系統

### 聲學數據

下圖表示當在隔板/天花板和角材之間中空層中使用時，經測試的房間到房間的傳輸損耗

- No Wavebar - CAC = 35
- Wavebar 2 kg - CAC = 44
- Wavebar 4 kg - CAC = 48
- Wavebar 8 kg - CAC = 50



The above figures have been documented as a result of a testing program completed at an accredited laboratory.

| Product                    | Roll width | Roll length | Roll diameter | Weight    |
|----------------------------|------------|-------------|---------------|-----------|
| wavebar 2kg/m <sup>2</sup> | 1380mm     | 10m         | 200mm         | 28kg      |
| wavebar 4kg/m <sup>2</sup> |            | 5 or 10m    |               | 28 - 56kg |
| wavebar 8kg/m <sup>2</sup> |            | 5m          |               | 52kg      |

### 規格

#### 材料

彈性隔音片為Pyrotek所提供的特殊礦物填充PVC產品，包括特殊金屬銀粉末，並由聚酯強化不織布支撐的彈性PVC片材封裝。密度最少為1.8g/cm<sup>3</sup>

#### 性能

根據認可實驗室的完整測試報告記錄，隔音片重量為2 kg時，達到44 CAC，4 kg達到48 CAC，8 kg達到50 CAC

#### 安裝

彈性隔音片應嚴格按照製造商所推薦的安裝程序，詳見本安裝手冊。必須注意管道密封或管道貫穿部分以避免噪音洩漏

如需更多相關特定應用或更多訊息及詳細建議，請聯繫我們Pyrotek®全球各地代理商

總代理：台亨貿易有限公司 02-26488226 / 0961135352

For further information and contact details, please visit our website [pyroteknc.com](http://pyroteknc.com)

*Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek NC is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights.*

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