

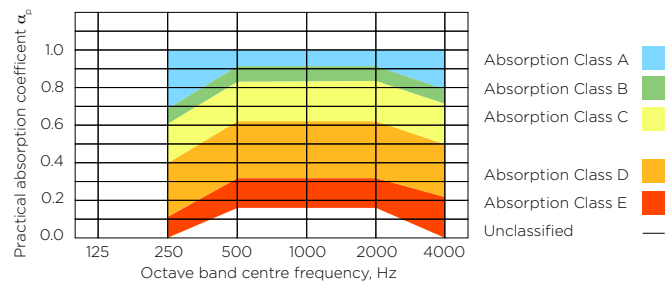
**ABOVE ALL, WE'VE GOT YOU COVERED.**

# APARTMENT BUILDINGS - CORRIDORS, HALLWAYS AND STAIRWELLS

## Overview

Shared or common spaces in an internal part of a building which provide direct access to a dwelling must be designed and constructed in such a way as to limit reverberation in those common parts to a reasonable level under Building Regulations - Technical Guidance Booklet G in Northern Ireland and Technical Guidance Document E in the Republic of Ireland.

Common areas are traditionally constructed using highly reflective (durable) materials and can often generate significant noise disturbance due to the extended reverberation of hard surfaces. In order to meet these requirements, absorptive materials of Class C absorption or better must be used on an area equal or greater than the floor area. For stairwells, absorptive materials of Class D absorption must be used in the combined area (of floor, including landings and treads plus ceiling) OR absorptive materials of Class C absorption or better used in 50% of the combined area.



Gyptone QUATTRO 41 is a perforated acoustic plasterboard that can be installed with a Gyframe CasoLine MF Metal Framing Ceiling in conjunction with ISOVER acoustic insulation to provide optimum levels of sound absorption which reduces reverberation times. This contributes to a comfortable acoustic environment combined with a contemporary, stylish design.



## Products & Systems

- Gyptone QUATTRO 41 classified as a Class C absorber
- Gyframe CasoLine MF Ceiling System
- ISOVER acoustic insulation

## Technical Data

12mm x 12mm holes	Representing 16% perforation
Reaction to Fire	Class 0, Euroclass A2-s1,d0
NRC (up to)	0.75



# Case Studies

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## Project

Capital Dock,  
Dublin Docklands

## Architect

O'Mahony Pike  
Architects  
The Chapel  
Milltown Avenue  
Mount St. Annes  
Dublin

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## Project

Notre Dame Apartments,  
Dublin 14

## Architect

O'Mahony Pike Architects  
The Chapel  
Milltown Avenue  
Mount St. Annes  
Dublin

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## Project

Larkfield Apartments,  
Belfast

## Architect

Paddy Byrne Architects  
Twin Spires Centre,155  
Northumberland St  
Belfast  
County Antrim  
BT13 2JF

**For more information on  
Gyproc's Ceiling Range visit  
our website or contact our  
Technical Support Department.**



## Technical Support

ROI: Free Phone: 1800 744480

NI: Free Phone: 0845 3990159

Email: [tech.ie@saint-gobain.com](mailto:tech.ie@saint-gobain.com)

[www.gyproc.ie](http://www.gyproc.ie)

