

Product Code	Available Facings	Product Code	Available Facings
QBK 30		QWH 30	
Product Code	Available Facings	Product Code	Available Facings
QBK 60		QWH 60	

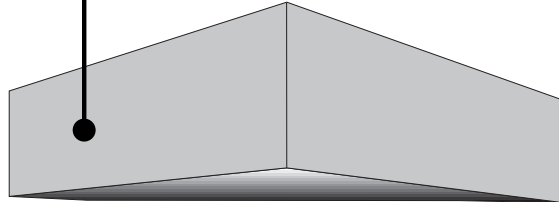
Product Introduction

Quash

~ Polyolefin Acoustic Absorber

Quash provides highly effective noise energy reduction through absorption. The product's unique closed cell structure provides natural resistance to moisture, giving effective noise absorption for outdoor applications and indoor areas of high humidity.

Quash Foam: 30 or 60mm



Product Construction

Facing • Surface Coverings

Quash's unique method of manufacture provides a natural "skin" on the surface of the product, enabling it to be used without the need for added protection. The foam surface provides excellent mechanical strength and acts as a dust and moisture barrier. The surface is also resistant to vapours and splashes from most common industrial chemicals.

Acoustic Foam • 30, 60mm

Quash absorbs both direct and reflected noise energy, reducing noise levels through absorption. Quash will not retain or absorb significant amounts of moisture, maintaining acoustical performance in outdoor or high humidity applications, is fibre free and is easily installed and fitted. Manufactured from a polyolefin polymer, a new development in non-cross-linked polymers, Quash foam is 100 percent recyclable.

Product Application

Quash has a wide range of applications where effective noise reduction is required in outdoor applications or indoor areas of high humidity. Its natural resistance to moisture ensures it will not significantly retain or absorb moisture, unlike traditional porous or open-cell materials.

Designed for partial enclosure or cover lining in industrial, marine, automotive and commercial applications. Ideal for swimming pools; gymnasiums; exterior machinery, pump, compressor, generator or plant enclosures; general plant rooms and industrial enclosures where reflected noise only is a problem.

Product Installation

Quash has a relatively rigid structure, enabling easy installation in outdoor applications. It can be mechanically fastened or glued with approved contact adhesives, is easily cut or shaped, requiring only a few basic tools to install.

As Quash will not deteriorate or promote corrosion it can also be removed, cleaned and then reused.

Technical Information

	Acoustic Properties	Fire Test Results		Temperature
Product Code	N.R.C.	UL94	MV SS302	Maximum Operating Temp.
QBK/QWH 30	0.50	HFI	Pass	100°C
QBK/QWH 60	0.60	HFI	Pass	100°C

Foam Properties

Foam Properties	
Bulk Density	32kg/m ³
Thermal conductivity (@23°C)	0.094w/mK
Water absorption (24 hours immersion)	<4% (Vol.)
Water pickup by diffusion (after 28 days relative humidity >95%)	<4% (Vol.)

Sound Absorption

Sound Absorption Table		
Frequency (Hz)	Quash 30mm	Quash 60mm
100	0.06	0.06
125	0.04	0.06
160	0.07	0.07
200	0.09	0.13
250	0.14	0.27
315	0.22	0.48
400	0.35	0.91
500	0.63	0.82
630	0.94	0.54
800	0.84	0.44
1000	0.63	0.58
1250	0.47	0.64
1600	0.51	0.70
2000	0.68	0.72
2500	0.62	0.64
3150	0.58	0.65
4000	0.49	0.52
5000	0.36	0.40
N.R.C.	0.50	0.60

Physical Characteristics

Sheet size is 1000mm x 2800mm (+/- 20mm). Total thickness 30mm or 60mm. Quash is manufactured from polyolefin plastic, is 100 percent recyclable and is rigid and self-supporting.

Specification Guide

The noise insulation shall be "Quash", made from polyolefin plastic.

(Please specify the thickness of acoustic foam. e.g. "The foam thickness shall be 30mm.")