

Baffles

Fibral Multiflex Baffle

Opal Multiflex Baffle

Hygienic Baffle

Fibral and Opal are vertically installed baffles with a smooth surface enabling creative design solutions and acoustic control. Developed to meet the exacting standards of health, electronics and food sectors, durable Hygienic baffles can withstand cleaning by pressure washing.

Fibral Multiflex Baffle


Fibral Multiflex Baffles are vertically installed baffles with a smooth white surface.

The vertical installation enables creative design solutions and provides good sound absorption.

Fibral Multiflex Baffle is supplied with steel cappings which are right angled U-sections with punched holes and built-in clips makes the baffle suitable for different installation methods.

Fibral Multiflex Baffles are recommended for areas where frequent and unhindered access to service installations is required. Baffles are ideally suited for use in Thermal mass areas and where there is a need to maintain natural light through acoustic installations.

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/unit)	Installation system
 Multiflex	1200 x 300 x 50	1.6	System Baffle
	1200 x 450 x 50	2.4	
	1200 x 600 x 50	3.2	

* MS - Minimum Suspension

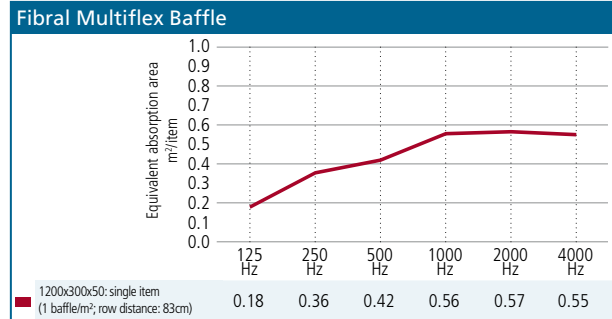


Fibral Multiflex Baffle

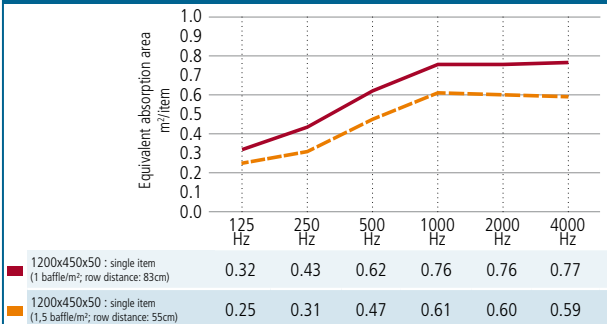


SOUND ABSORPTION

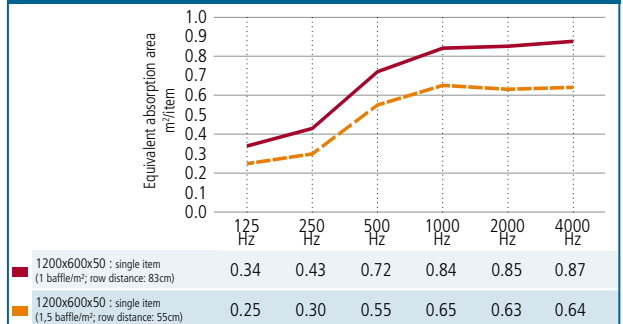
Sound absorption has been measured in accordance with ISO 354. The sound absorption properties of items such as islands or baffles are quantified by the equivalent sound absorption area expressed as m² per item. This is the area of a 100% absorbing surface which would absorb the same amount of sound as the item in question.



Fibral Multiflex Baffle



Fibral Multiflex Baffle



FIRE PERFORMANCE

General: Rockfon ceiling tiles have a core of stone wool. Stone wool is non-combustible with a melting point of more than 1000°C.

Reaction to fire: Class A1 in accordance with EN 13501-1.



HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon Fibral Multiflex Baffles are dimensionally stable even at humidity levels of up to 100% RH and can be installed at all temperatures ranging from 0°C to 40°C. No acclimatisation is necessary.



LIGHT REFLECTION

White: 77% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



CLEANING

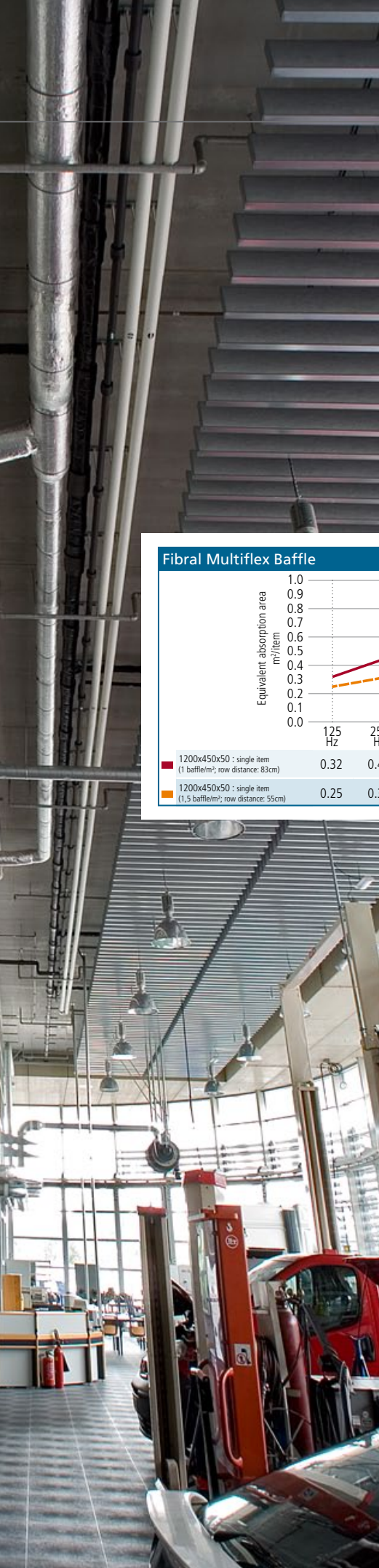
The surface can be vacuum cleaned with a soft brush attachment.



ENVIRONMENT

A representative selection of Rockfon products have been awarded the Danish Indoor Climate Label and the Finnish Indoor Climate Label (M1).

Fibral Multiflex Baffle is recyclable.



Opal Multiflex Baffle


Opal Multiflex Baffles are vertically installed baffles with a smooth unpainted surface.

The vertical installation enables creative design solutions and provides good sound absorption.

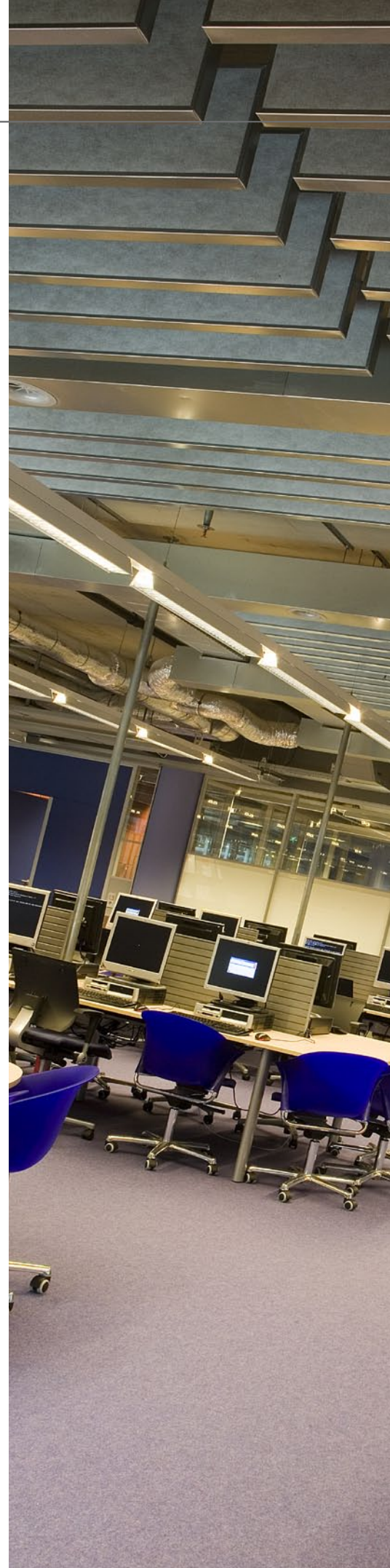
Opal Multiflex Baffle is supplied with steel cappings which are right angled U-sections with punched holes and built-in clips makes the baffle suitable for different installation methods.

Opal Multiflex Baffles are recommended for areas where frequent and unhindered access to service installations is required. Baffles are ideally suited for use in Thermal mass areas and where there is a need to maintain natural light through acoustic installations.

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/unit)	Installation system
 Multiflex	1200 x 450 x 50	2.4	System Baffle

* MS - Minimum Suspension

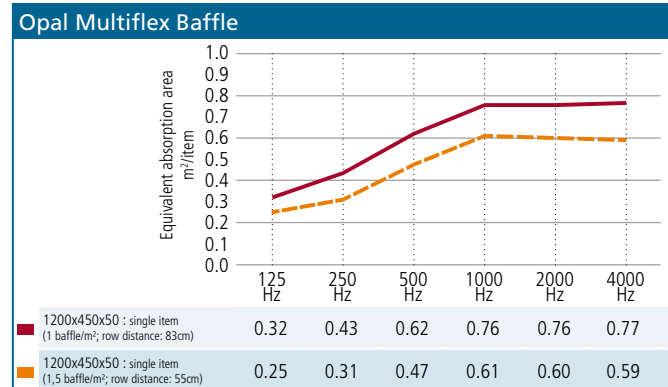


Opal Multiflex Baffle



SOUND ABSORPTION

Sound absorption has been measured in accordance with ISO 354. The sound absorption properties of items such as islands or baffles are quantified by the equivalent sound absorption area expressed as m² per item. This is the area of a 100% absorbing surface which would absorb the same amount of sound as the item in question.



FIRE PERFORMANCE

General: Rockfon ceiling tiles have a core of stone wool. Stone wool is non-combustible with a melting point of more than 1000°C.

Reaction to fire: Class A1 in accordance with EN 13501-1.



HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon Opal Multiflex Baffles are dimensionally stable even at humidity levels of up to 100% RH and can be installed at all temperatures ranging from 0°C to 40°C. No acclimatisation is necessary.



LIGHT REFLECTION

White: 64% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



CLEANING

The surface can be vacuum cleaned with a soft brush attachment.



ENVIRONMENT

A representative selection of Rockfon products have been awarded the Danish Indoor Climate Label and the Finnish Indoor Climate Label (M1).

Opal Multiflex Baffle is recyclable.

Hygienic Baffle


Hygienic Baffles have been developed to meet the exacting standards of health, electronics and food sectors and can withstand cleaning by pressure washing.

All Hygienic products have a durable and special white painted surface, incorporating a fungicide to further enhance the resistance to the growth of micro-organisms and ensure regular cleanability. The 100% stone wool core does not contain any organic nutrients and cannot be attacked by rot or fungi.

Hygienic Baffles are classified as M2.5/10 in accordance with US FS 2009 E, making them suitable for highly controlled environments.

All products in the Hygienic range will withstand frequent cleaning and will not continue dripping after the cleaning process has taken place, thus minimising downtime.

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/unit)	Installation system
Multiflex 	1200 x 450 x 50 1200 x 600 x 50	2.4 3.2	System Baffle

* MS - Minimum Suspension

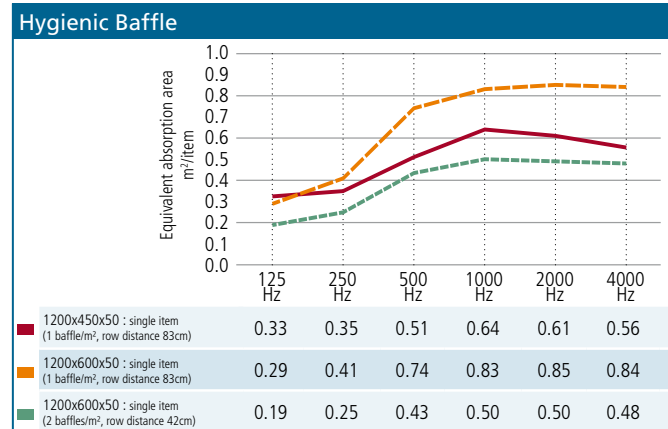


Hygienic Baffle



SOUND ABSORPTION

Sound absorption has been measured in accordance with ISO 354. The sound absorption properties of items such as islands or baffles are quantified by the equivalent sound absorption area expressed as m² per item. This is the area of a 100% absorbing surface which would absorb the same amount of sound as the item in question.



FIRE PERFORMANCE

General: Rockfon products have a core of stone wool. Stone wool is non-combustible with a melting point of more than 1000°C.

Reaction to fire: Class A2-s1,d0 in accordance with EN 13501-1.



HUMIDITY RESISTANCE AND DIMENSIONAL STABILITY (FLEXURAL TENSILE STRENGTH)

Rockfon is dimensionally stable even at humidity levels of up to 100% RH and can be installed at all temperatures ranging from 0°C to 40°C. No acclimatisation is necessary.



LIGHT REFLECTION

White: 85% diffuse light reflection in accordance with ISO 7724-2.



HYGIENE

Stone wool has no nutritional value and therefore it provides no sustenance to harmful micro-organisms.



CLEAN ROOM CLASSIFICATION

Hygienic Baffles are classified as M2.5/10 in accordance with US FS 2009 E.



CLEANING

The surface can be vacuum cleaned with a soft brush attachment.

The surface can also be cleaned once a week using a sponge or cloth and warm water (max. 40°C) with a slightly alkaline detergent (max. pH 10) without alcohol, ammonia or chlorine.

Cleaning with a damp sponge or cloth may render the surface slightly shinier and we therefore recommend cleaning the whole surface evenly for best results.

The surface can be foam cleaned once a week. Spray foam onto the surface at low pressure. Let it work for 5 minutes and then sluice or wipe clean. Soap solutions should be 1:100.

The surface can be high pressure cleaned once a week. Max pressure should be 65 bar at 1 metre distance, and water should be spread at a 30° angle. Soap solutions should be 1:100.



ENVIRONMENT

A representative selection of Rockfon products have been awarded the Danish Indoor Climate Label and the Finnish Indoor Climate Label.

Hygienic Baffle is recyclable.