

APPLICA

*Beauty and brains,
pleasure and usability -
they should go hand in hand.*

*- Donald Arthur Norman
(Donald Arthur Norman, American Professor of
Computer Science, 1935)*

*At Rockfon, we develop
and produce ceilings
that create the optimum
indoor environment in any
building, regardless of size
and shape.*



But since each building project is different, with its own unique requirements and demands, Rockfon has developed a range of ceiling products that meet a wide variety of complex needs. For instance:

Office

- No other supplier can offer full design freedom on edges and dimensions combined with a smooth white surface as well as guaranteeing top rated acoustics and fire safety performance.

Education

- Even our basic white products deliver high sound absorption performances and fire ratings. For critical surfaces we offer a full range of reinforced impact resistance products.

Commercial

- Our products are available in many different colours, surfaces and dimensions, giving shops and restaurants the possibility to individually design and differentiate their selling areas.

Healthcare

- Winning combinations of sound absorption and fire safety with surfaces that can be cleaned easily and which do not support the growth of bacteria.

Leisure & Sport

- Special requirements in areas such as sports halls can be easily met with Rockfon's impact resistant solutions. The strong resistance to humidity and the non hygroscopic nature of our ceilings makes them very effective in swimming pool areas too.

Industry

- Best in class sound absorption combined with best in class fire safety – also provided in budget products - is key for industrial buildings. In addition the same features are incorporated in our baffle and wall absorber ranges.

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A ceiling for every situation

“Knowing how people will use something is essential”

This is a quote from American professor of computer science, Donald Arthur Norman. And in essence that is exactly what we do at Rockfon.

Each building is different in nature and purpose – and thus there are different demands on the technical performance of the building materials. The ceiling covers a substantial part of the indoor surface area – and the choice of ceiling has a great impact on the indoor environment and performance of the room. Factors such as sound absorption, sound insulation, light reflection, fire safety, hygiene, hygroscopic nature, cleanability, demountability and resistance to humidity and micro organisms are examples of technical performance criteria that must be considered before a choice of ceiling can be made.

For example – in buildings and rooms where many people will gather there are additional demands for enhanced fire safety . Or if a lot of hard surfaces are chosen, such as stone, marble floors and glass, the ceilings must provide additional sound absorption to compensate for the room acoustics.

For buildings in the health sector, cleanability is crucial and being non hygroscopic as well as resistant to varying levels of humidity is an important factor everywhere - even more so in wet room areas such as bathrooms, swimming pools, etc.

Ceilings from the Rockfon Group all have strong technical performance criteria and make an important contribution to creating a good indoor environment in all building types.



On the following pages you can quickly find the products we recommend for different room types. To help you find the right solution quickly, we have simplified the options into six market sectors:

- Office
- Education
- Commercial
- Healthcare
- Leisure & Sport
- Industry

And you are also always welcome to call us directly to get advice on the most appropriate product for your application.



Commercial

Below please find our product recommendations for commercial buildings. By 'commercial' we mean department stores and high street shops as well as restaurants, banks, cafés and hotels.

The design of public spaces which have many customers constantly moving in and out of its space is an art on its own,

employing many interior designers. They are constantly looking for new ways of presenting these spaces so that customers not only remember them, but connect with them in a positive way. For this reason two parameters are of prime importance: Ceilings must integrate and enhance the design and provide good acoustics.

	Pages	Application								
		Department store	Bank	Hotel	Retail showroom	Cafeteria / restaurant	Shopping centre	Library	Concert hall / covered arcades & malls	Stairwell
MONOLITHIC CEILING										
MonoAcoustic	62	•	•	•	•	•				•
DESIGN WHITE										
Sonar	68	•	•	•	•	•	•	•	•	•
Sonar Activity	70					•	•	•	•	•
Sonar Alto	72									•
Alaska	74		•	•		•		•	•	•
Alaska dB 35	80									
Alaska dB 40	82									
Sonar dB 40	86									
Sonar dB 44	88									
DESIGN DECORATION										
Sonar Luna	90			•		•				•
Ligna	94			•	•	•		•		•
Selva	98			•	•	•				•
Polar Colour	102			•	•	•		•		•
BASIC WHITE										
Koral	108				•	•				•
Koral Tenor	110									
Pacific	112	•		•	•		•			
SPECIAL AREA										
Hygienic										
Hygienic	118									
Hygienic Plus	120									
Healthcare										
MediCare	124									
MediCare Plus	126									
MediCare Ultra	128									
Impact Resistance										
Samson	130									
Education										
Scholar	134									
OTHER										
Wall Absorbers										
Samson	140									
Scholar	140				•					
Sonar Activity	142				•				•	
Polar Colour	142				•	•			•	
Industrial										
Industrial Ceiling Panel	146									
Industrial Ceiling Panel Black	146									
Industrial										
Fibril Multiflex	152				•	•				
Opal Multiflex	152				•					
Hygienic	152				•					

Industry

Below please find our product recommendations for Industry. The ceiling requirements in the Industrial sector are typically defined by the nature of what is being produced and stored at the premises. Heavy industry sets different requirements to the food industry, a workshop or a timber warehouse. Often a suspended ceiling cannot be installed due to the service installations of the production facility, so baffles and wall absorbers are traditionally a good choice for industrial buildings.

When designing production areas, many different criteria must be considered. Appropriate lighting conditions, enhanced fire safety, and in some cases high levels of hygiene are some of the key factors. However, in industrial applications, sound levels are

generally much higher than in other work areas. Great emphasis should be placed on obtaining and maintaining comfortable acoustic conditions for employees and people in the surrounding locality.

It is generally accepted that there is a quantifiable risk of hearing damage due to daily exposure (8 hours or more) to continuous sound levels between 85 and 90 dB. To ensure the best acoustic conditions in any industrial area containing noisy machines sited on hard floors, focus should be placed on isolation and sound insulation of the noise source so that they affect as few people as possible. Where this is not possible, acoustic screening using wall absorbers and baffles will help to absorb the excess noise.

Pages	Light industry / workshops Food processing areas Dairies Fish processing / abattoirs Breweries / liquid processing areas Cleanroom type areas Industrial kitchen						
MONOLITHIC CEILING							
MonoAcoustic	62						
DESIGN WHITE							
Sonar	68					•	•
Sonar Activity	70	•				•	
Sonar Alto	72						
Alaska	74						
Alaska dB 35	80						
Alaska dB 40	82						
Sonar dB 40	86						
Sonar dB 44	88	•					
DESIGN DECORATION							
Sonar Luna	90						
Ligna	94						
Selva	98						
Polar Colour	102						
BASIC WHITE							
Koral	108	•					
Koral Tenor	110						
Pacific	112						
SPECIAL AREA							
<i>Hygienic</i>							
Hygienic	118		•	•			•
Hygienic Plus	120		•	•	•		•
<i>Healthcare</i>							
MediCare	124						
MediCare Plus	126						
MediCare Ultra	128						
<i>Impact Resistance</i>							
Samson	130						
<i>Education</i>							
Scholar	134						
OTHER							
<i>Wall Absorbers</i>							
Samson	140						
Scholar	140	•	•				
Sonar Activity	142	•	•	•	•	•	•
Polar Colour	142						
<i>Industrial</i>							
Industrial Ceiling Panel	146	•					
Industrial Ceiling Panel Black	146						
<i>Industrial</i>							
Fibral Multiflex	152	•					
Opal Multiflex	152	•					
Hygienic	152		•	•	•		•