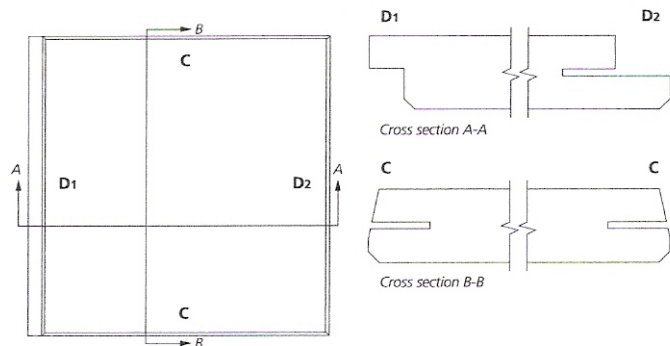


## HIDE THE GRID WITH A SONAR MONOLITHIC CEILING

In recent years the almost universal use of exposed suspended steel grids in conjunction with square edged acoustic ceiling tiles has given this system a decidedly “commercial” appearance with little option for variation being offered by ceiling manufacturers. The use of one-way concealed grids with visible top-hat sections as main runners has also grown in popularity. However there are areas of new offices that deserve the ultimate in high sound absorption and the beauty of a monolithic appearance. Rockfon Sonar provides the required standard of aesthetics for areas such as foyers, receptions, lift lobbies, board rooms and formal areas while maintaining an optimum acoustic environment.

Manufacturers of acoustic ceiling tiles have generally avoided promoting fully concealed grid systems because in many cases their products were not serviceable within such an installation. The tiles were difficult to remove without breaking edges and maintenance was difficult. It was easier to withdraw the products from the market than to try and solve the problems. Rockfon has been successfully producing demountable, fully concealed grid systems in Europe for more than 20 years with very few issues regarding serviceability. The solution is provided by the edge detail of the Rockfon Sonar (D) which allows easy access without damage. Also the physical properties of compressed stone wool tiles make them more suitable than the traditional wet-felt mineral fibre product for this type of application.

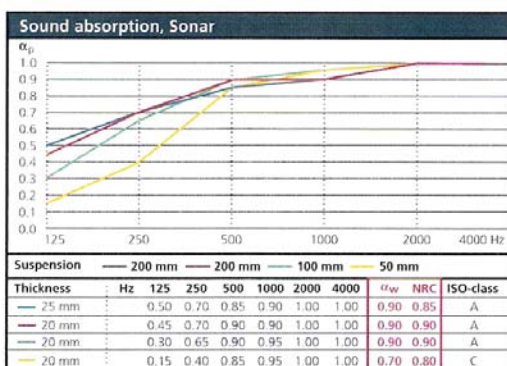
Plan and cross section of Rockfon tile with edge detail D



Building foyers are an extreme example of the acoustic dilemma; large glass areas, hard reflecting floors and a subsequent need for high absorption at the ceiling but requiring an uninterrupted lining to meet the design objectives.

### PERFORMANCE AND CHARACTERISTICS

<b>Sound Absorption</b>	<b>ISO 354</b>	<b>NRC = 0.90</b>	<b><math>\alpha_w = 0.90</math></b>
<b>Resistance to Fire</b>	<b>ISO 1182</b>	<b>Classified <i>non-combustible</i></b>	
<b>Humidity Resistance</b>	<b>Inorganic</b>	<b>Unaffected by humidity</b>	
<b>Dimensional Stability</b>	<b>Inorganic</b>	<b>Will not sag</b>	
<b>Hygiene Aspects</b>	<b>Inorganic</b>	<b>Will not sustain micro-organisms</b>	
<b>Cleaning</b>	<b>Cleanable</b>	<b>Light cleaning with moist cloth</b>	





# activeceilings™

For further information on Rockfon acoustic ceiling systems contact your local distributor or AIS

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