

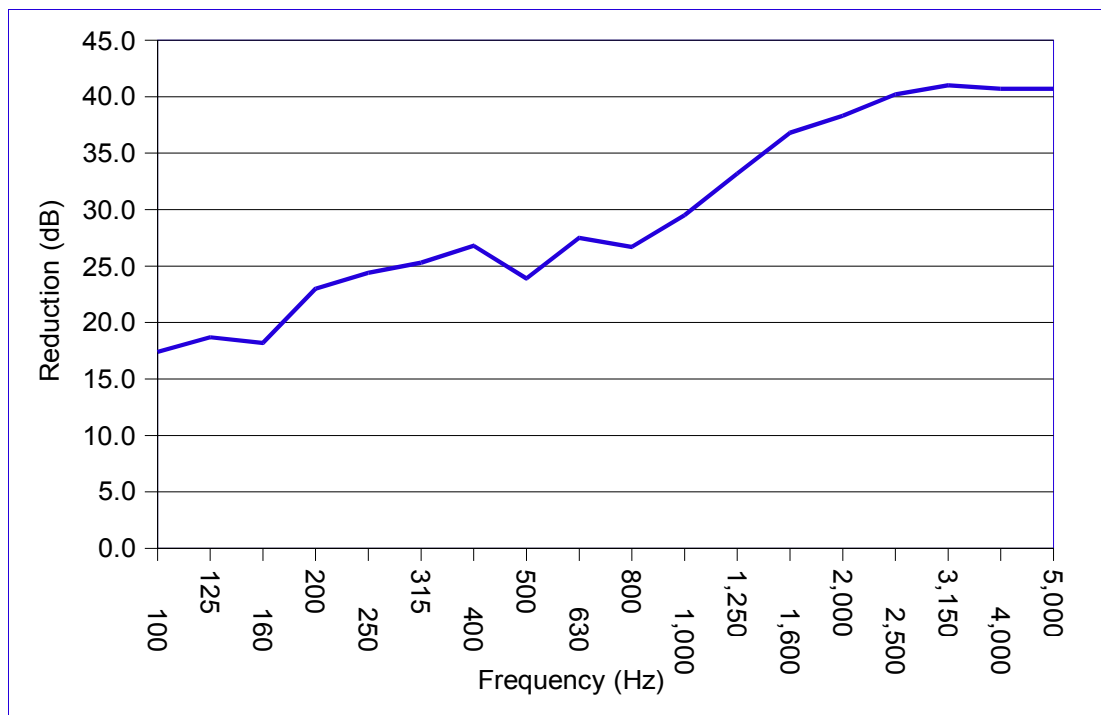
### SuperPersianas Sound Attenuation Specifications

This report details the European accreditation that the SuperPersianas range of products has received. The information is formatted into three sections as follows;

- (1) Results
- (2) Test Laboratory
- (3) Accreditation Organization

#### (1) Results

The SuperPersiana product was tested for sound attenuation by CIDEMCO, Spain during September, 2002. The following graph illustrates the results of testing attenuation at various frequencies. To ensure that the results were reflective of a typical urban environment, the tests were conducted across a frequency of 100 to 5,000 Hz.



The graph demonstrates that the SuperPersiana provides sound attenuation of up to 41 dB at higher frequencies and has a starting range of 18 dB at the lower frequencies.

## **(2) Test Laboratory**

The SuperPersiana range of products was tested at CIDEMCO ([www.cidemco.es](http://www.cidemco.es)). CIDEMCO Technological Research Center, is a private, not for profit organization which actively contributes to economic and social development, supporting and promoting technological innovation and development (R+D) processes such as competitiveness strategies for environmental business.

Located in Azpeitia, Spain, CIDEMCO was created in 1989 by public companies and institutions in order that the construction industry would have proper technological support. At present CIDEMCO has a 54,000 square foot facility which employs more than 50 highly qualified experts on-site.

## **(3) Accreditation Organization**

CIDEMCO is accredited by The Entidad Nacional de Acreditación (ENCA) which is the National Accreditation Body for Spain. ENCA is an organization regulated by the Ministry of Science and Technology and created under the Industry Act 21/1992 and Royal Decree 2200/95, which sets out the Regulations for Industrial Quality and Safety Infrastructure.

ENAC is a private, independent and non-profit body that coordinates and manages in Spain an Accreditation System in line with the criteria and standards established in the European Union (EN45003 and EN45010) and internationally. ENAC accredits bodies that engage in conformity assessment, such as associations, companies, universities or research organizations.