

Durra Cinema Wall System

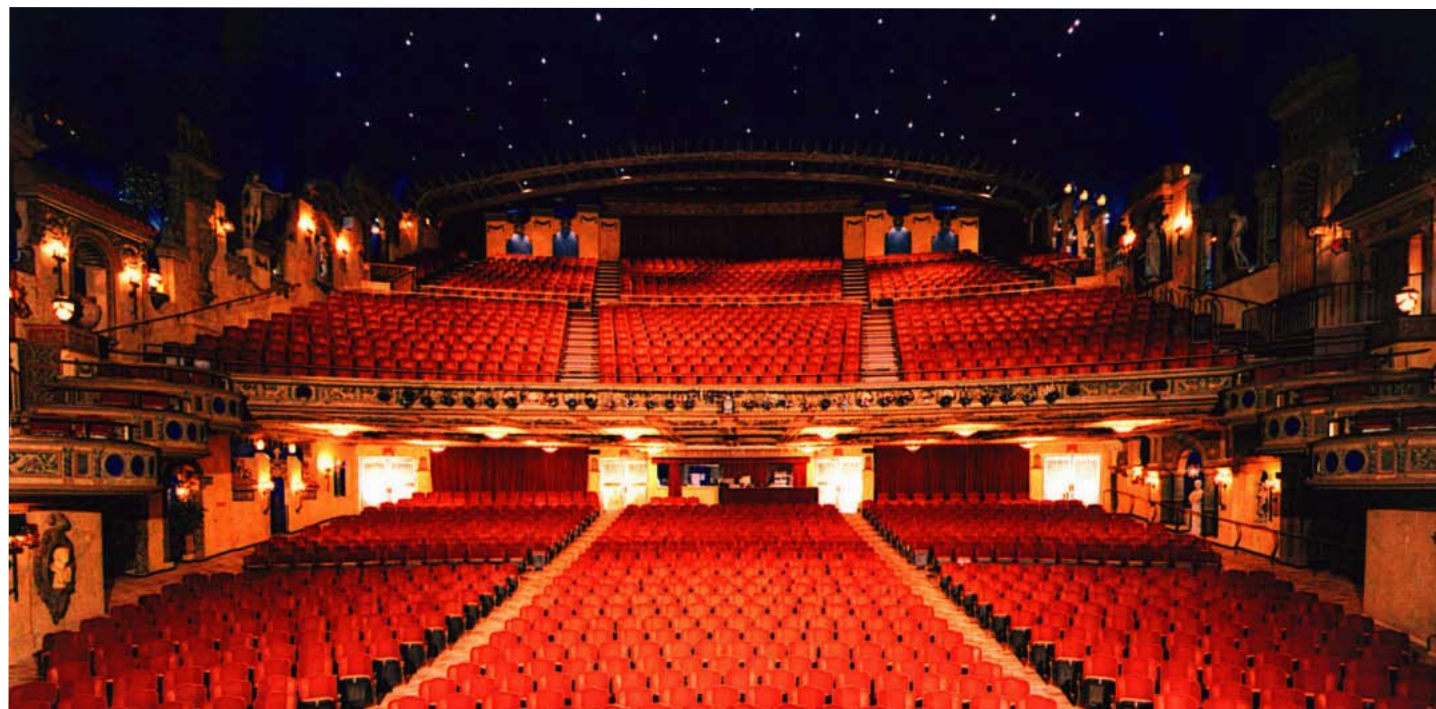
INTRODUCTION

The Durra Cinema Wall System is a high performance acoustic cinema wall that involves simple and cost effective installation. A variety of high performance cinema wall systems can be configured to meet project requirements.

The Durra Cinema Wall system has been used in multiple high end cinema projects including IMAX theatres in Melbourne and Majestic Theatres in the United States. Demanding acoustic requirements has led to Durra panel being installed and is the natural choice for Cinema operators worldwide.

PRODUCT FEATURES

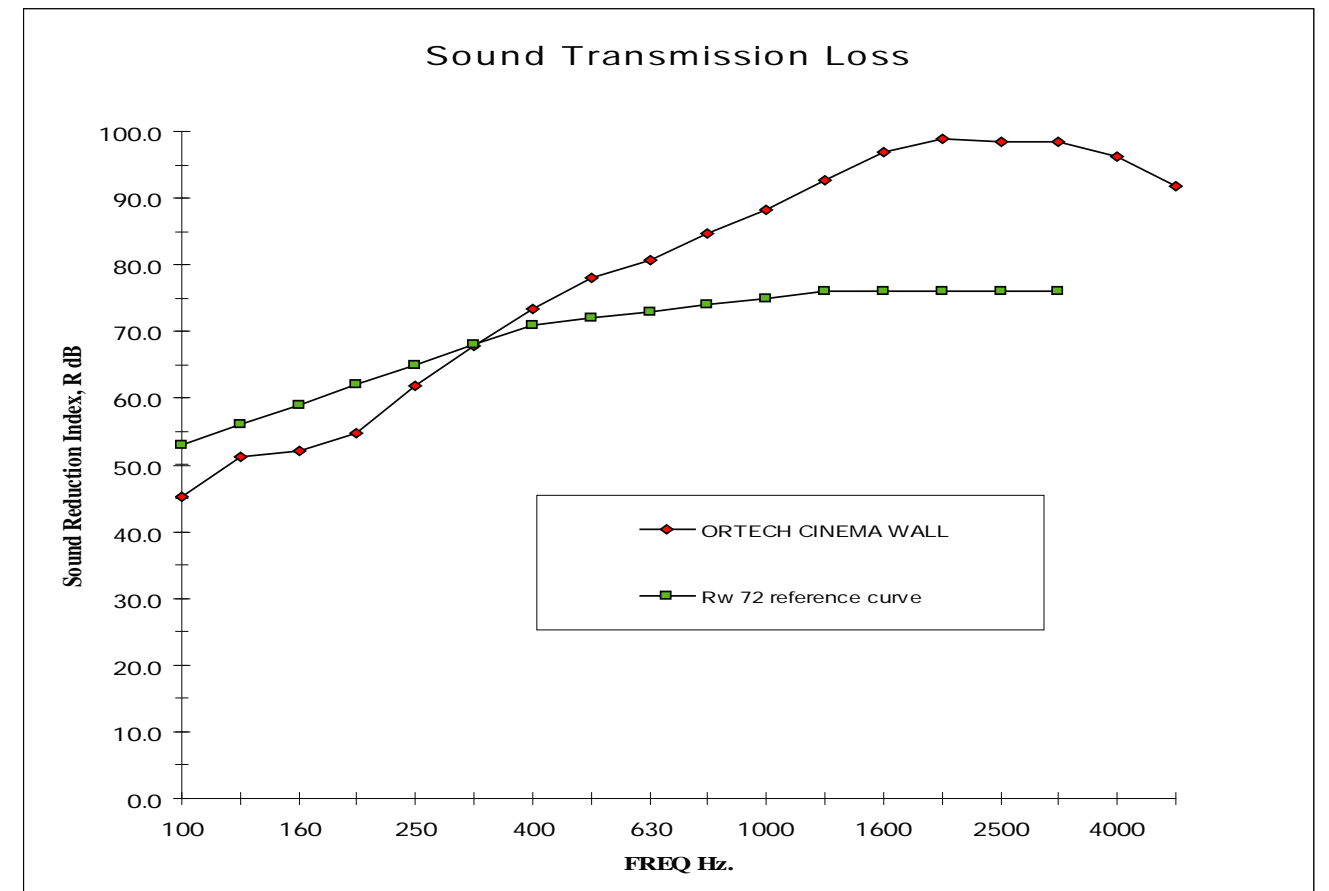
- Environmentally Friendly
- Acoustic Performance
- Quality
- Fire Resistance
- Impact Resistant
- Thermal Insulation
- Simple Construction
- Reduced Labour Time
- Cost Saving
- Strength & Durability
- Flexible Design Solutions



DURRA CINEMA WALL - SINGLE LAYER SYSTEM REPORT

The Durra Cinema Wall Testing has been carried out in accordance with Australian Standard 1191-2002, Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions. The weighted sound transmission index (Rw) has been determined as specified in AS/NZS ISO 717.1-2004 Acoustics – Rating of sound insulation in buildings and of building elements, Part I: Airborne Sound Insulation.

Random noise is fed to a single loudspeaker placed in a corner of the source room. In each one-third octave band of centre frequency 100 to 5000 hertz, the mean sound pressure level in each room is found by the use of a microphone connected to a Bruel & Kjaer 2133 real time analyzer. Seven independent locations of the microphone are used in each room, with the signals temporally averaged for the sampling time of 128 seconds.

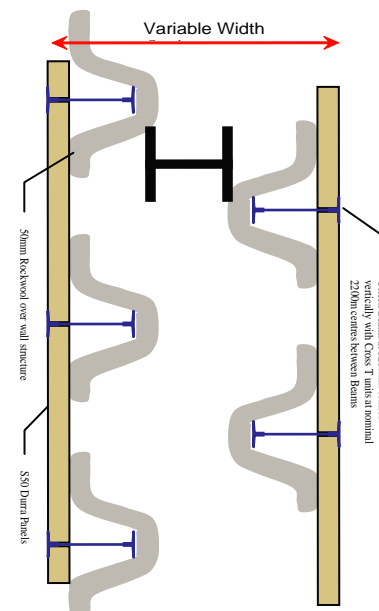


Graph of results for the Durra Cinema Wall System - Single Layer System.

APPLICATIONS

Where a high degree of noise insulation is required;

- Concert Halls
- Cinemas
- Auditoriums
- Convention Centres
- Night Clubs
- Sound Studios
- Home Theatres
- Airport Terminals



TYPICAL CINEMA WALL

THE SYSTEM

The Durra Cinema Wall system offers flexibility in acoustic performance and construction, replacing traditional methods of applying multiple layers of plasterboard.

The construction system combines Durra Panel with Durra High Span purlins placed in either a horizontal or vertical position at nominal 1800mm centres.

One of the key benefits in the Durra Cinema Wall system is the simple construction of a single layer of Durra panel which provides reduced hours of labour in the construction process.

Combine this, with outstanding acoustic control, Durra Cinema Wall systems will save you time and money. Durra is the natural choice for your next Cinema project.



IMAX THEATRE