



Acoustic Design by:
The D. H. Kaiser Co.
P.O. Box 21035
Canton, Ohio 44701
Seating Capacity: 600
Volume : 117,275 cubic feet
Reverberation Time 1.75 Seconds (500Hz)
Acoustic Function Criteria:
Primary - Choral Performance
Secondary - Instrumental Music - Theater
& Speech

DALTON HIGH SCHOOL AUDITORIUM - DALTON, OHIO

ACOUSTIC DESIGN IN THIS FACILITY ALLOWED FOR THE EFFECTS OF *ALL* BUILDING MATERIALS. HOLLOW DRYWALL CONSTRUCTION (DESIGNED BY KAISER CO.) PROVIDED LOW FREQUENCY ABSORPTION WHILE ENHANCING DIFFUSION OF SOUND AND NATURAL ACOUSTICS.

ACOUSTIC PRODUCTS USED:

ECKEL INDUSTRIES TYPE II RIBBED PANELS PROVIDED SOUND ABSORPTION (AT CRITICAL FREQUENCIES) AS WELL AS DIFFUSION OF NON-ABSORBED SOUND. CRITICALLY LOCATED CEILING PANELS WERE PAINTED FLAT BLACK TO MATCH EXPOSED JOIST & STEEL DECK . ECKEL 'ALP' LAY-IN PANELS WERE USED IN THE CEILING, UNDER BALCONY , TO MINIMIZE ECHO EFFECTS FROM THE REAR.

FULL DETAILS, SPECIFICATIONS AND TEST DATA ARE AVAILABLE

CALL THE D. H. KAISER CO. AT 330-456-7000 OR 1-800-550-7007 (OHIO)

