

# R.G. DRAGE CAREER CENTER AUDITORIUM



Acoustic Design By: **The D.H. Kaiser Co.**  
**P.O. Box 21035**  
**Canton, Ohio 44701**

Occupancy: 400  
 Volume: 146,344 cubic feet  
 Tested Reverberation Time: .88 Seconds (500 Hz)  
 Ideal Reverberation Time: 1.20 Seconds (500 Hz)  
 Acoustic Function Criteria:  
 Primary - Speech and Presentations

ACOUSTIC PLANNING FOR THIS AUDITORIUM ANTICIPATED REVERBERATION TIME TO BE REDUCED FROM 2.82 SECONDS (500 Hz) TO 1.2 SECONDS TO OPTIMIZE SPEECH AND KEEP SOUND FROM ENTERING CLASSROOMS ATTACHED TO THE REAR WALL. AFTER CALCULATING THE VOLUME OF THE ROOM AND SQUARE FOOTAGE OF EACH BUILDING MATERIAL IN THE SPACE IT WAS APPARENT THAT ECKEL TYPE II PANELS ON THE CEILING AND PURDUE "ROCKWOOL" PANELS ON THE UPPER WALLS AND MAIN STAGE WOULD PROVIDE THE DESIRED RESULTS.

ACOUSTIC TESTING INDICATES THAT REVERBERATION TIMES HAVE BEEN REDUCED TO DESIRED LEVELS AND THE SPACE CAN BE UTILIZED FOR ITS INTENDED PURPOSES.

FULL DETAILS, SPECIFICATIONS AND TEST DATA  
 ARE AVAILABLE UPON REQUEST  
**CALL D.H. KAISER CO. 330-456-7000 / 1-800-550-**

