

## CHABAD OF SOLON



A CENTRAL OVERHEAD RESONATOR WAS USED TO ENHANCE THE DISPERSION OF THE SPOKEN WORD. THIS FACILITY WAS DESIGNED FOR TRADITIONAL WORSHIP SERVICES WITHOUT USE OF SOUND REINFORCEMENT ELECTRONICS. MODERN ACOUSTIC DESIGN WAS USED TO PROVIDE "NATURAL" AMPLIFICATION FOR THE RABBI, CANTOR AND ANY SPEAKERS.

ACOUSTIC ABSORPTION IS PROVIDED BY USE OF ECKEL PERFORATED PANELS INSTALLED ON GYPSUM CEILINGS AND SOFFIT AREAS. (THE EDGES ARE HIDDEN FROM VIEW BY USE OF LIGHT BORDERS.) CEILING PANELS ARE PAINTED TO MATCH CEILING SURFACES. ADDITIONAL ABSORPTION, APPLIED TO REAR WALL ONLY, IS PROVIDED BY 2" THICK PERDUE "ROCKWOOL" PANELS.

SPEECH CLARITY IS ENHANCED BY THE LOW REVERBERATION TIME WHILE SOUND ENERGY IS EVENLY DISPERSED THROUGHOUT THE ROOM.

FULL DETAILS, SPECIFICATIONS AND TEST DATA ARE AVAILABLE  
**CALL D.H. KAISER CO. 330-456-7000 / 1-800-550-7007(OH)**

Acoustic Design By:

The D.H. Kaiser Co.  
P.O. Box 21035  
Canton, Ohio 44701

OCCUPANCY: 80

Volume: 71,400 cubic feet

Reverberation Time: 1.12 Seconds (500Hz)

Acoustic Function Criteria:

- Primary - Speech and Worship
- Natural Acoustic Environment
- No Electronic Sound Reinforcement

### ACOUSTIC COMPARISON CHABAD OF SOLON

