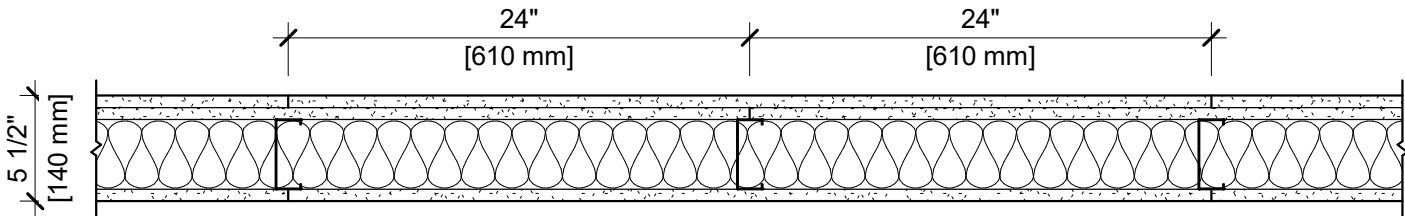


DESIGN NO.UL U419

FIRE RATING:
STC RATING:
SOUND TEST:
SYSTEM THICKNESS:
LOCATION:
FRAMING TYPE:

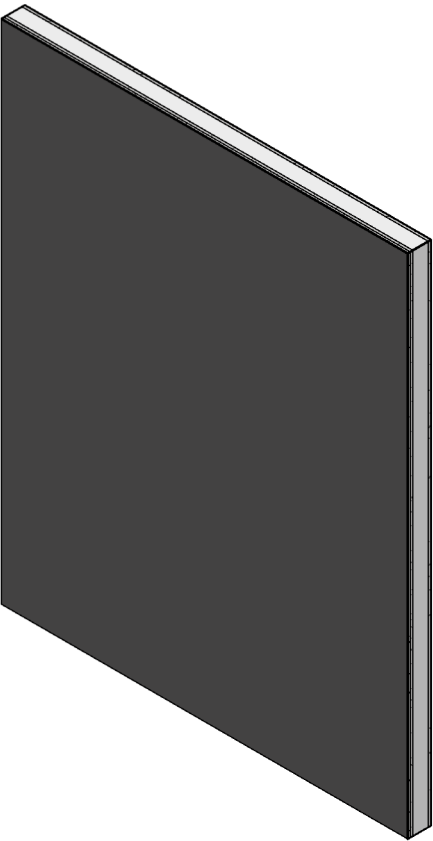
1 HOUR
51
USG-190433
5-1/2" [140 mm]
INTERIOR
STEEL STUD (NONLOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSUM PANELS:
STEEL STUDS:
INSULATION:
GYPSUM PANELS:

TWO LAYERS 5/8" [15.9 mm] SHEETROCK® GYPSUM PANEL (UL TYPE SCX)
3-5/8" [92 mm] STEEL STUDS, EQ25 (0.015"), 24" [610 mm] O.C.
3 1/2" [89 mm] KNAUF ECOBATT® INSULATION
ONE LAYER 5/8" [15.9 mm] SHEETROCK® GYPSUM PANEL (UL TYPE SCX)



- GENERAL WALL NOTES:**
- REFER TO APPLICABLE CODES REQUIREMENTS TO ENSURE COMPLIANCE PRIOR TO CONSTRUCTION.
 - FOR THE MOST UP-TO-DATE DETAILS, INCLUDING CONSTRUCTION VARIATIONS, REFER TO THE PUBLISHED DESIGN.
 - WHERE DESIGN NO. INDICATES "PER", THE FIRE RATING IS BASED ON LABORATORY TEST DATA OF THE REFERENCED SIMILARLY CONSTRUCTED ASSEMBLIES.
 - STUD SIZES AND INSULATION THICKNESS ARE MINIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
 - STUD AND FASTENER SPACINGS ARE MAXIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
 - PANEL ORIENTATION SHALL BE AS SPECIFIED IN THE PUBLISHED DESIGN.
 - FIRE-RATINGS ARE FROM BOTH SIDES UNLESS OTHERWISE STATED.
 - FIRE-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, DECREASE STUD SPACING, DECREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH.
 - WHERE ACOUSTICAL PERFORMANCE IS PROVIDED IN AN ESTIMATED RANGE, THE VALUES ARE BASED ON LABORATORY TEST DATA OF SIMILARLY CONSTRUCTED ASSEMBLIES.
 - SOUND-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, DECREASE STUD MATERIAL THICKNESS, INCREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH. MODIFICATIONS MUST NOT EXCEED LIMITATIONS OF FIRE RATING.