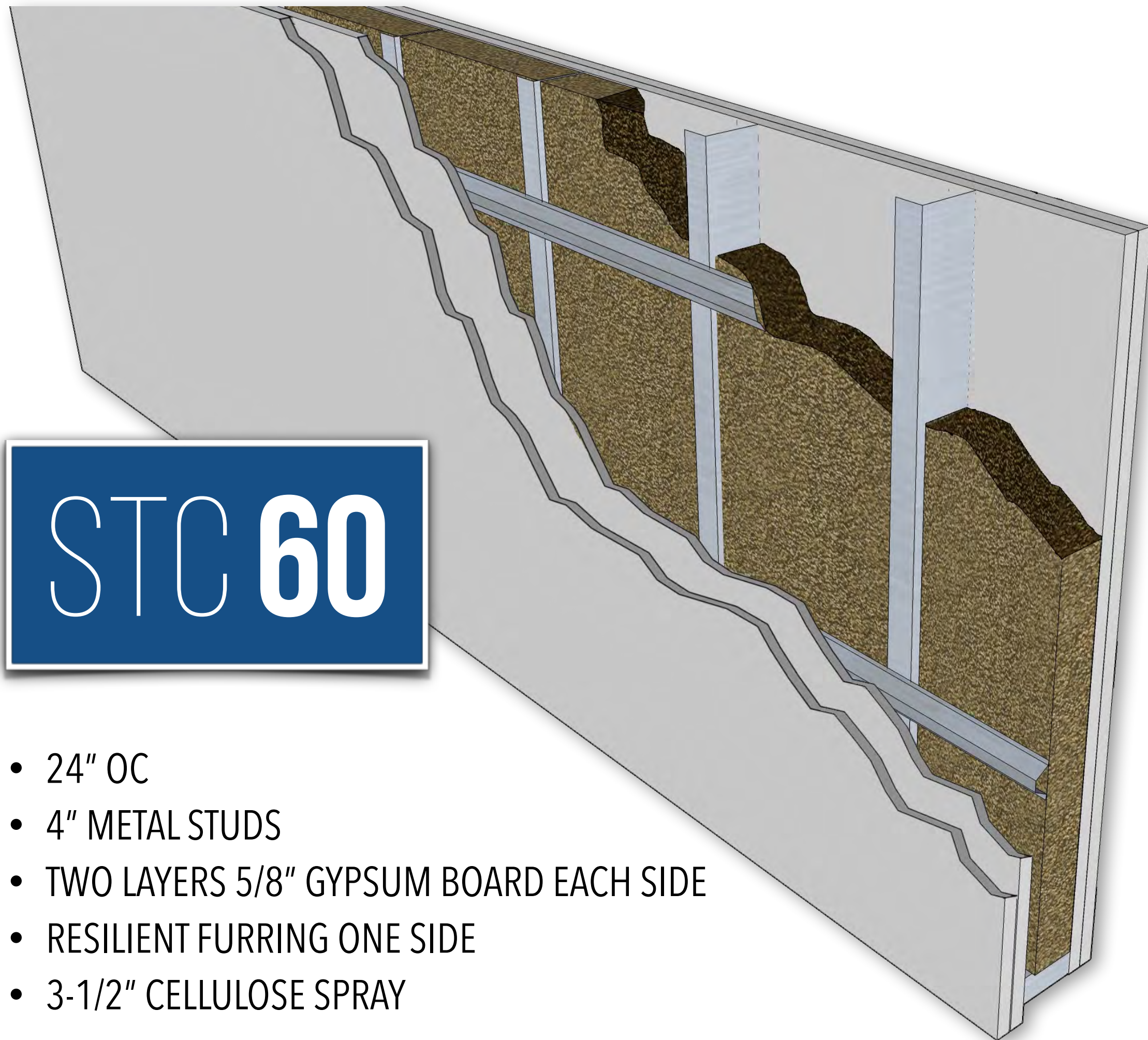


METAL STUD ASSEMBLIES

The diagrams and STC ratings listed are intended to serve as a guide. Construction practices have an influence on field STC ratings and ICC cannot guarantee actual STC ratings. Flanking sound patterns, wall integrity, and floor and ceiling construction are important factors in effective sound control.

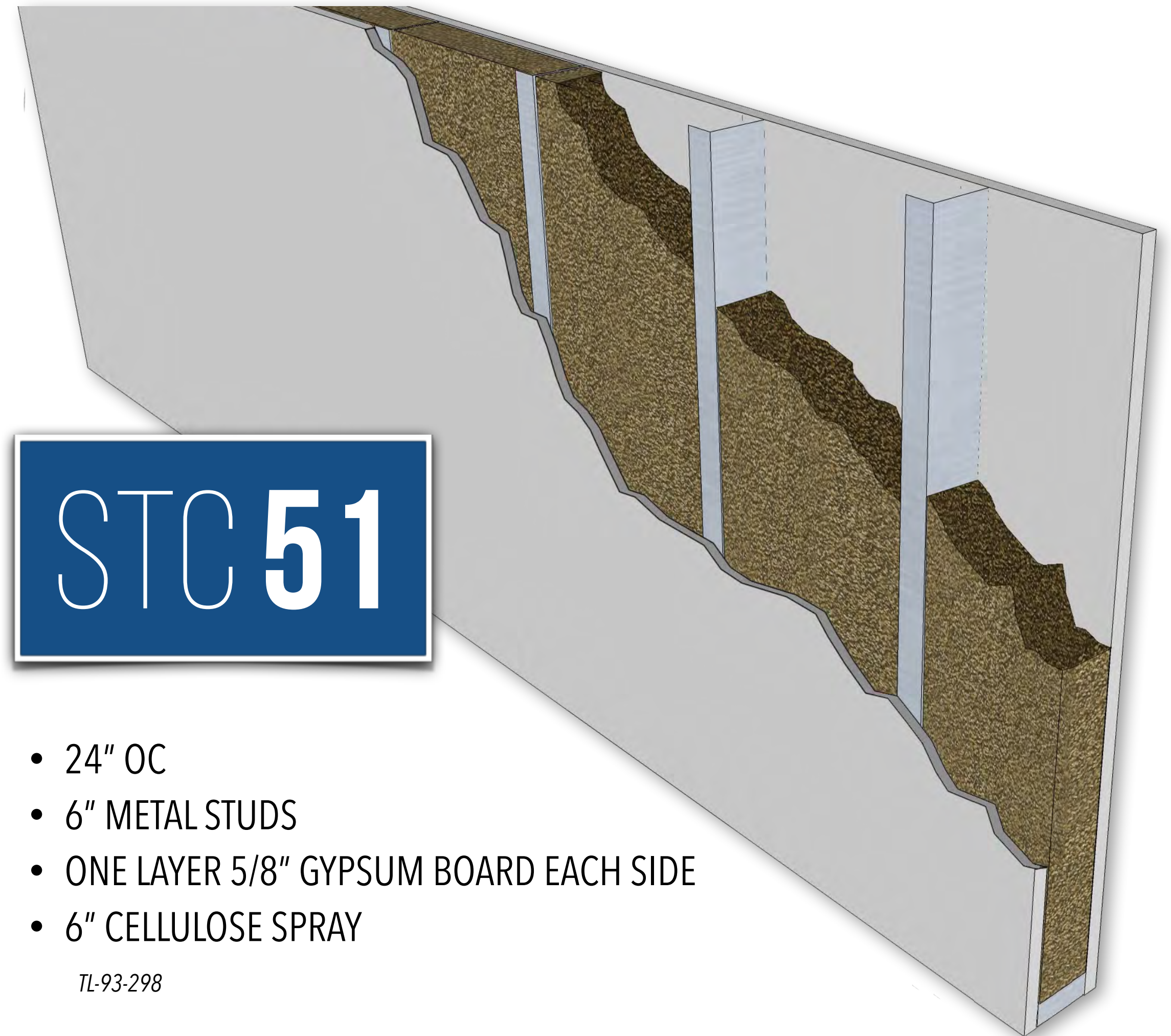
STC RATINGS OF WALL ASSEMBLIES INSULATED WITH CELLULOSE SPRAY. TESTING DONE WITH FULL SCALE ASSEMBLIES BY NATIONAL RESEARCH COUNCIL CANADA.



STC 60

- 24" OC
- 4" METAL STUDS
- TWO LAYERS 5/8" GYPSUM BOARD EACH SIDE
- RESILIENT FURRING ONE SIDE
- 3-1/2" CELLULOSE SPRAY

TL-94-024



STC 51

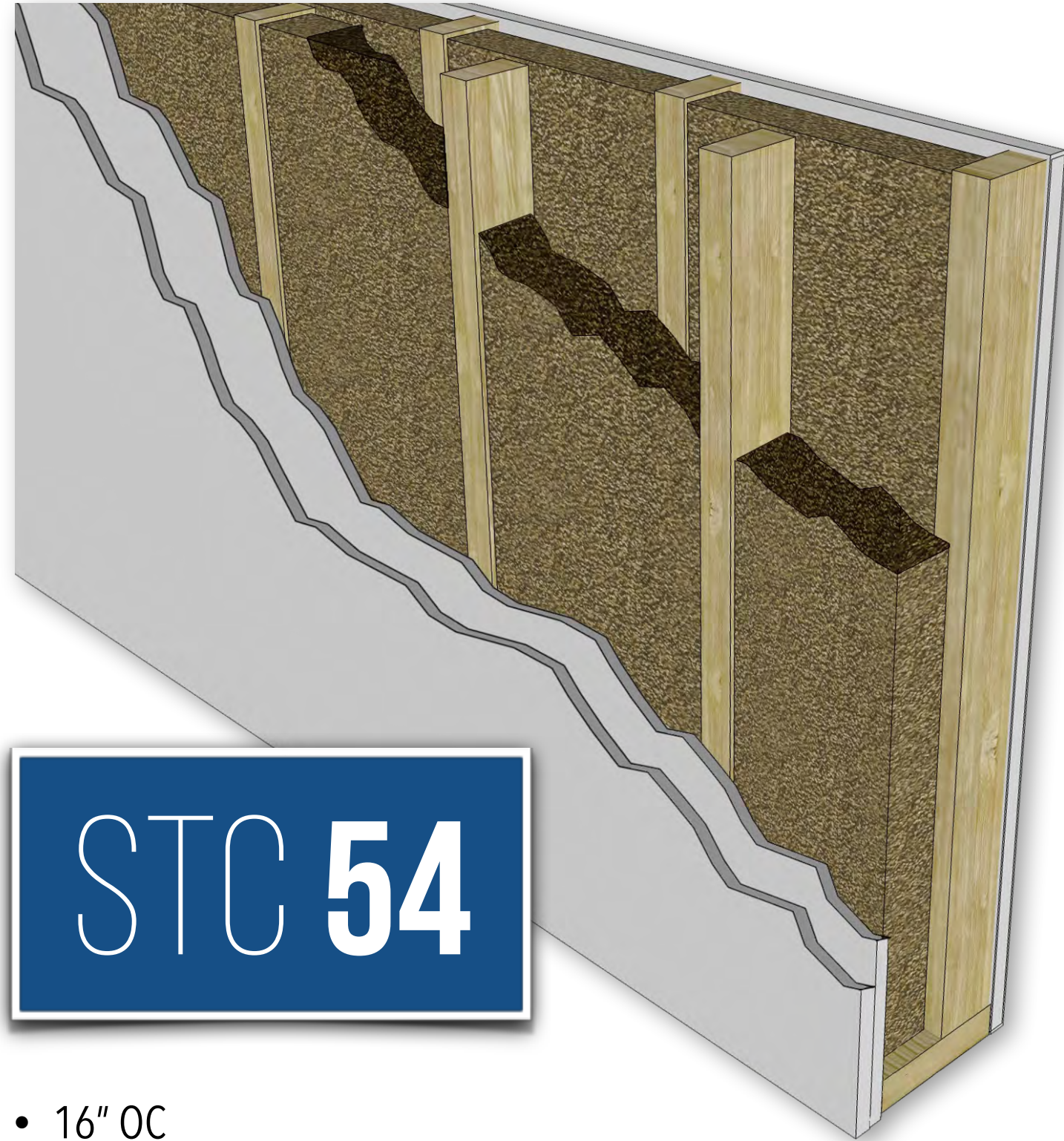
- 24" OC
- 6" METAL STUDS
- ONE LAYER 5/8" GYPSUM BOARD EACH SIDE
- 6" CELLULOSE SPRAY

TL-93-298

WOOD STUD ASSEMBLIES

The diagrams and STC ratings listed are intended to serve as a guide. Construction practices have an influence on field STC ratings and ICC cannot guarantee actual STC ratings. Flanking sound patterns, wall integrity, and floor and ceiling construction are important factors in effective sound control.

STC RATINGS OF WALL ASSEMBLIES INSULATED WITH CELLULOSE SPRAY. TESTING DONE WITH FULL SCALE ASSEMBLIES BY NATIONAL RESEARCH COUNCIL CANADA.



STC 54

- 16" OC
- 6" PLATE
- 2X4" STAGGERED WOOD STUDS
- TWO LAYERS 5/8" GYPSUM BOARD ONE SIDE
- ONE LAYER 5/8" GYPSUM BOARD ONE SIDE
- 5-1/2" CELLULOSE SPRAY

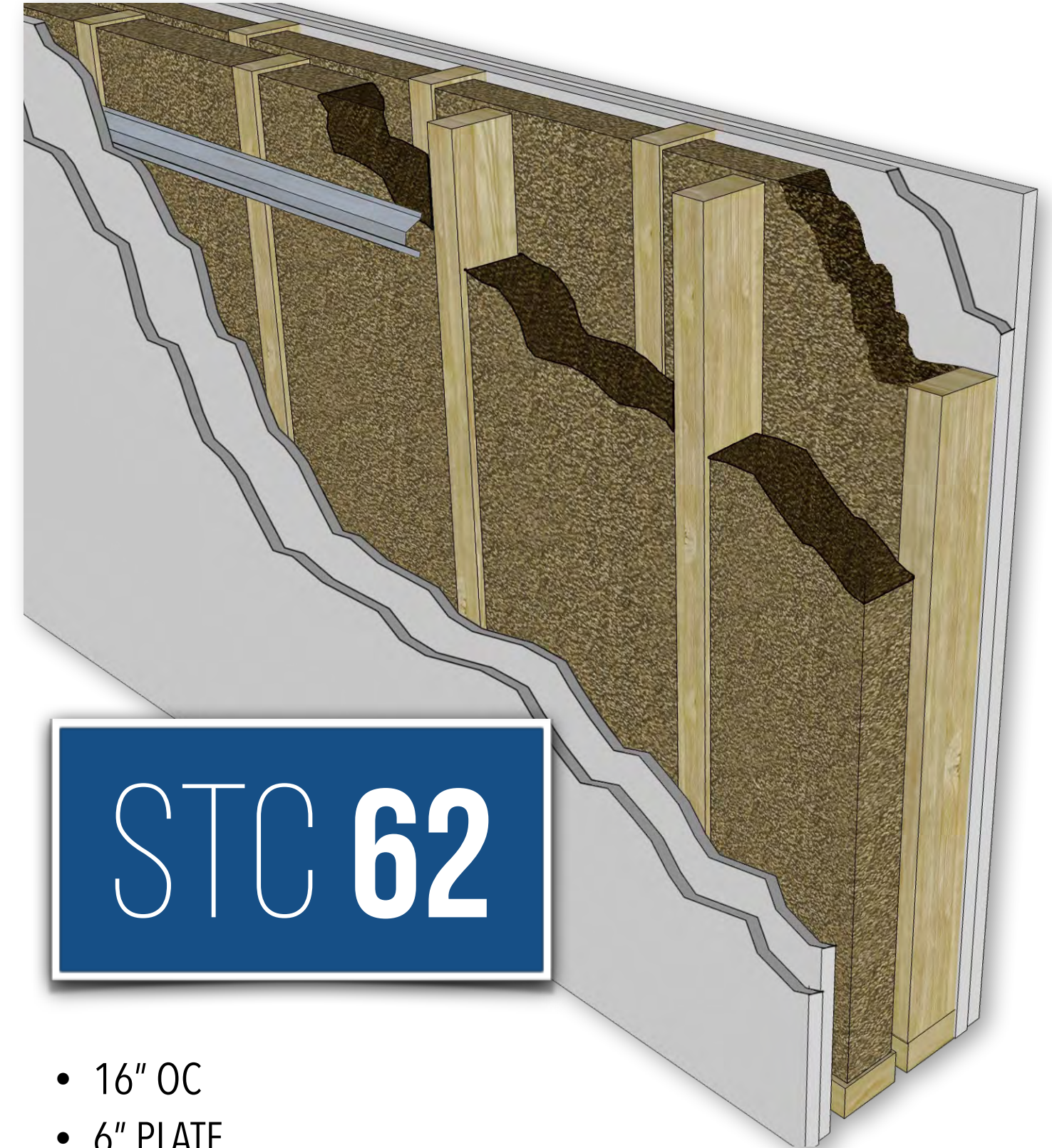
TL-93-232



STC 57

- 16" OC
- 2X6" STAGGERED WOOD STUDS
- TWO LAYERS 5/8" GYPSUM BOARD EACH SIDE
- RESILIENT FURRING ONE SIDE
- 5-1/2" CELLULOSE SPRAY

TL-93-108



STC 62

- 16" OC
- 6" PLATE
- 2X4" STAGGERED WOOD STUDS
- TWO LAYERS 5/8" GYPSUM BOARD EACH SIDE
- RESILIENT FURRING ONE SIDE
- 5-1/2" CELLULOSE SPRAY

TL-93-236

STAGGERED STUD WALL PARTITION

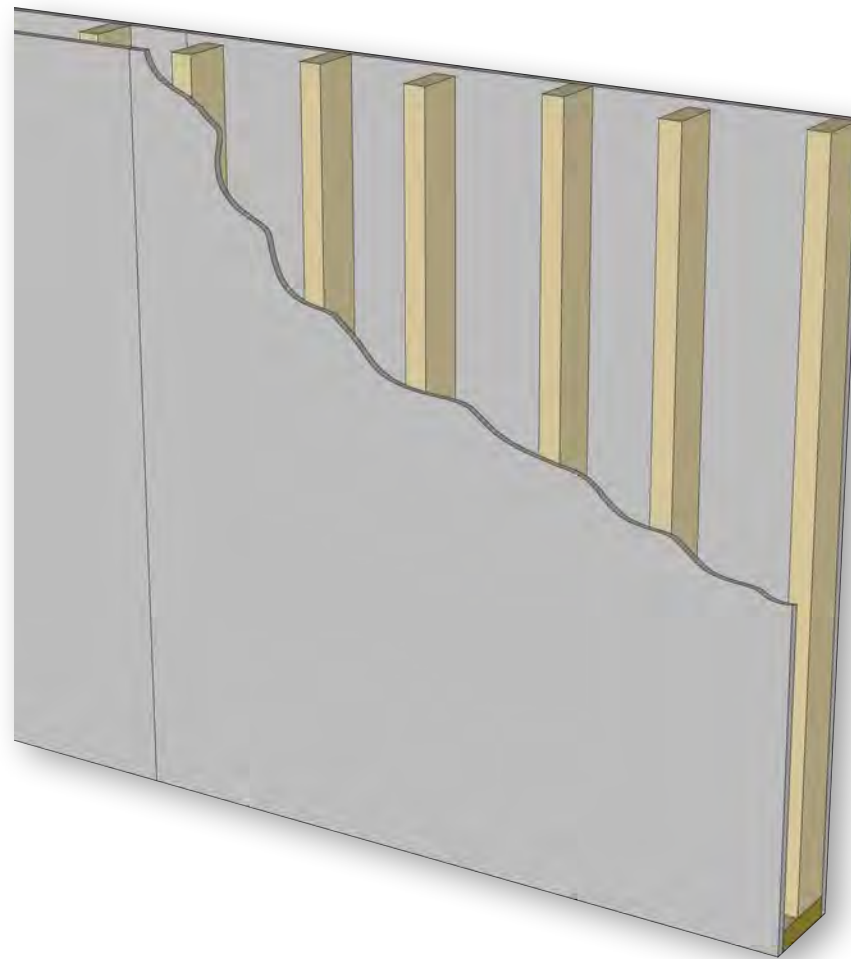
16" OC, 2X4" WOOD STUDS ON 6" WOOD PLATES

STC RATINGS OF WALL ASSEMBLIES
INSULATED WITH CELBAR SPRAY. TESTING
DONE WITH FULL SCALE ASSEMBLIES.

STC 41

- SINGLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- NO INSULATION

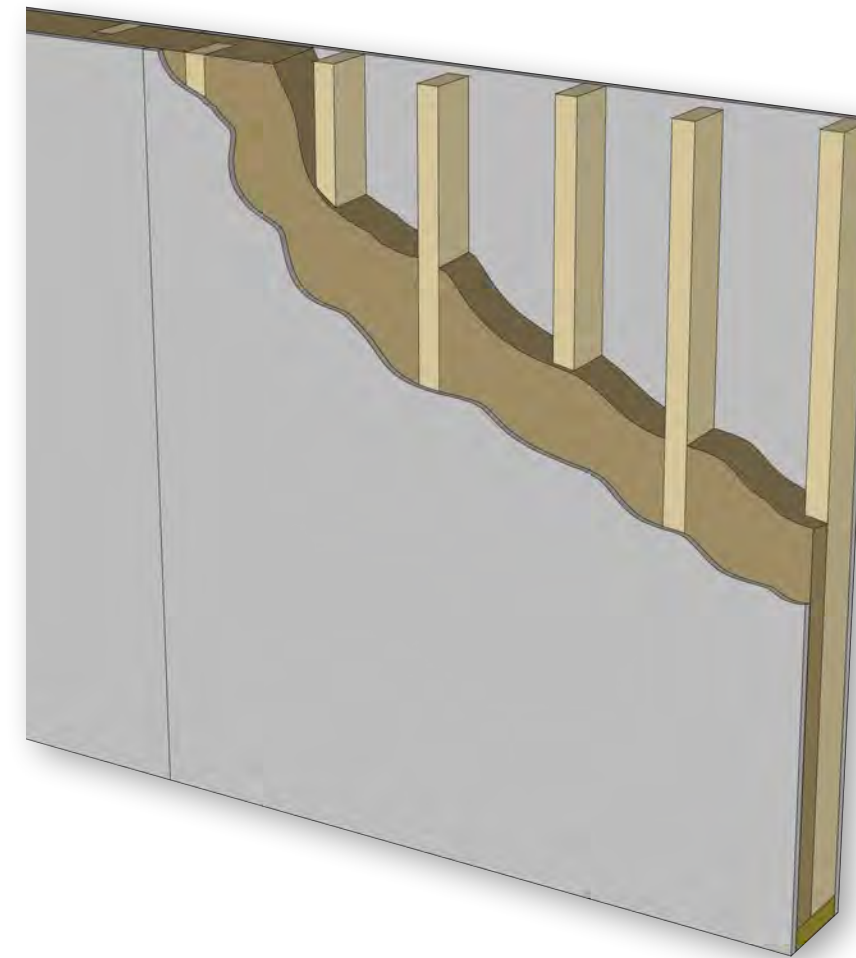
NGC 2008020



STC 48

- SINGLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- 5-1/2" CELBAR SPRAY

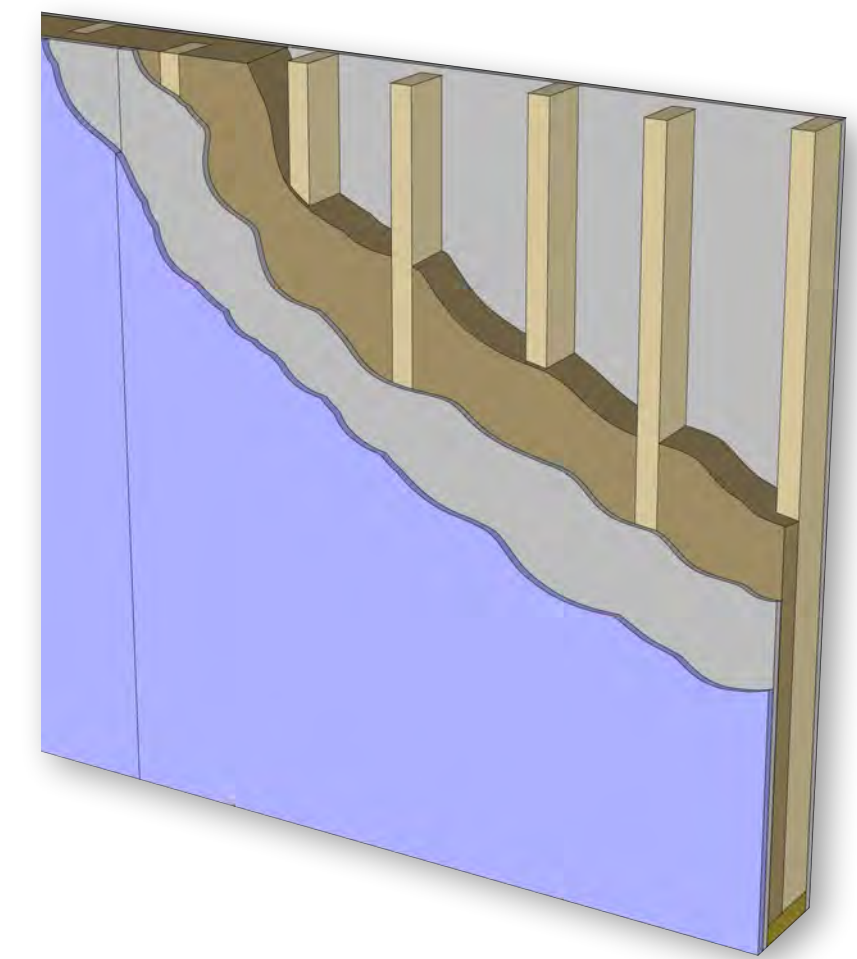
NGC 2008023



STC 55

- SINGLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- SINGLE LAYER 5/8" SOUNDBREAK™ ONE SIDE
- 5-1/2" CELBAR SPRAY

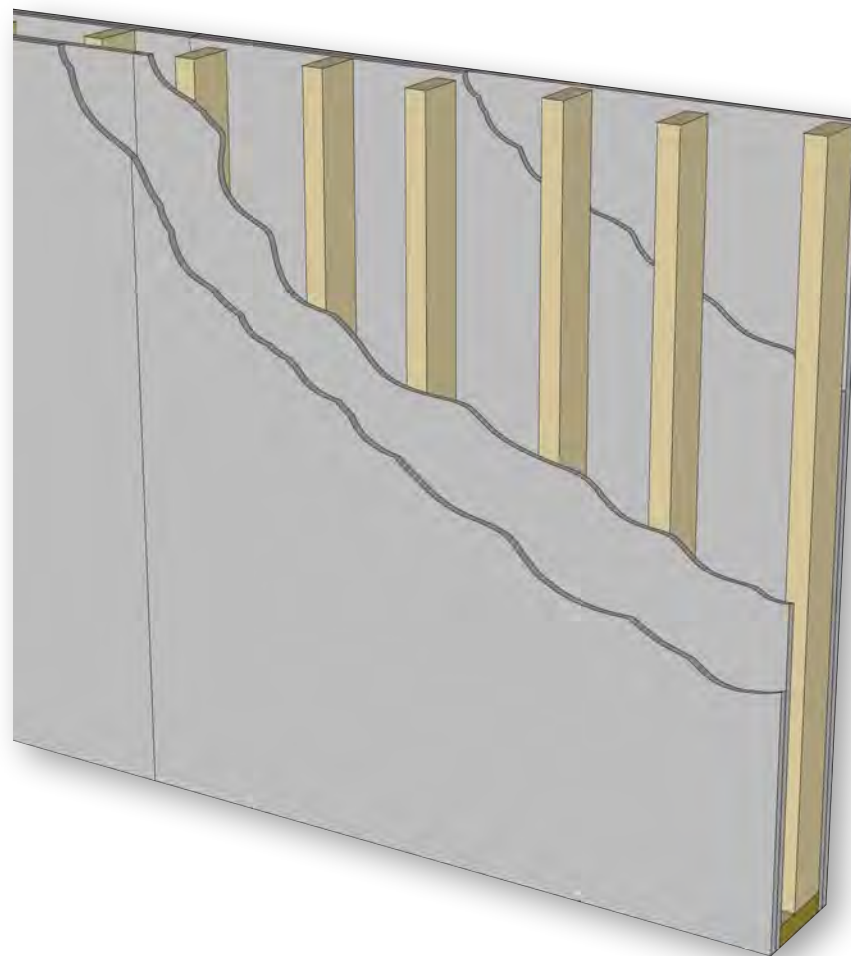
NGC 2008024



STC 51

- DOUBLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- NO INSULATION

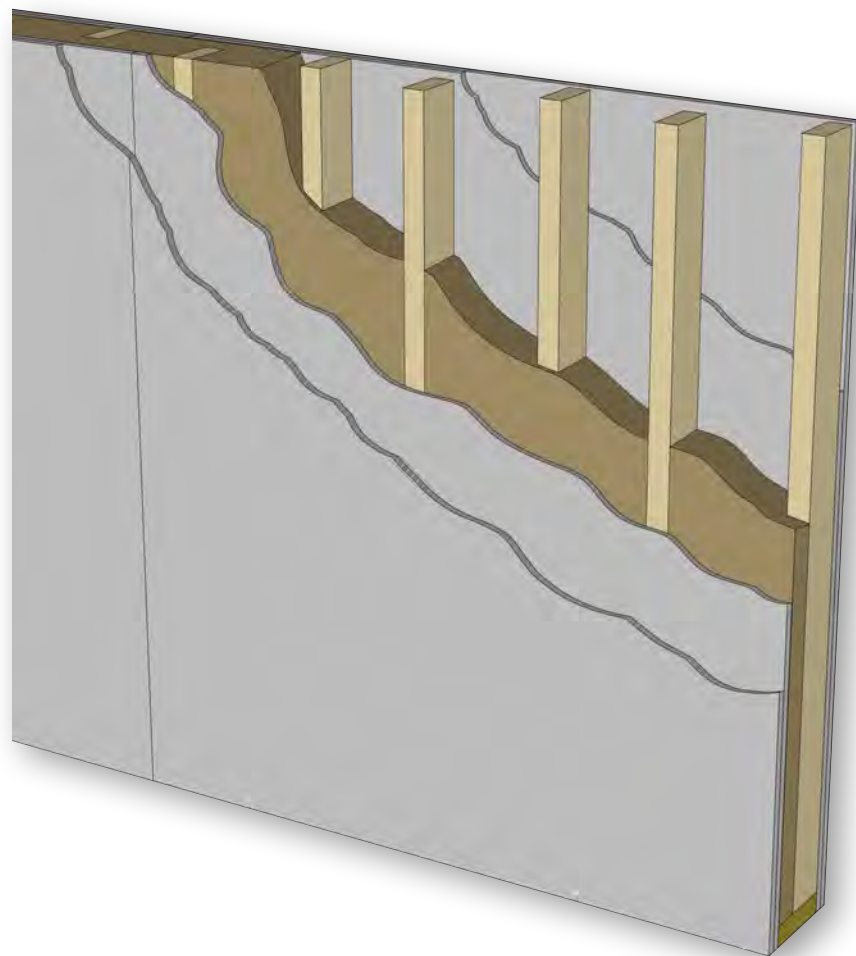
NGC 2008019



STC 56

- DOUBLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- 5-1/2" CELBAR SPRAY

NGC 2008025



STC 59

- DOUBLE LAYER 5/8" GYPSUM BOARD EACH SIDE
- SINGLE LAYER 5/8" SOUNDBREAK™ ONE SIDE
- 5-1/2" CELBAR SPRAY

NGC 2008027

