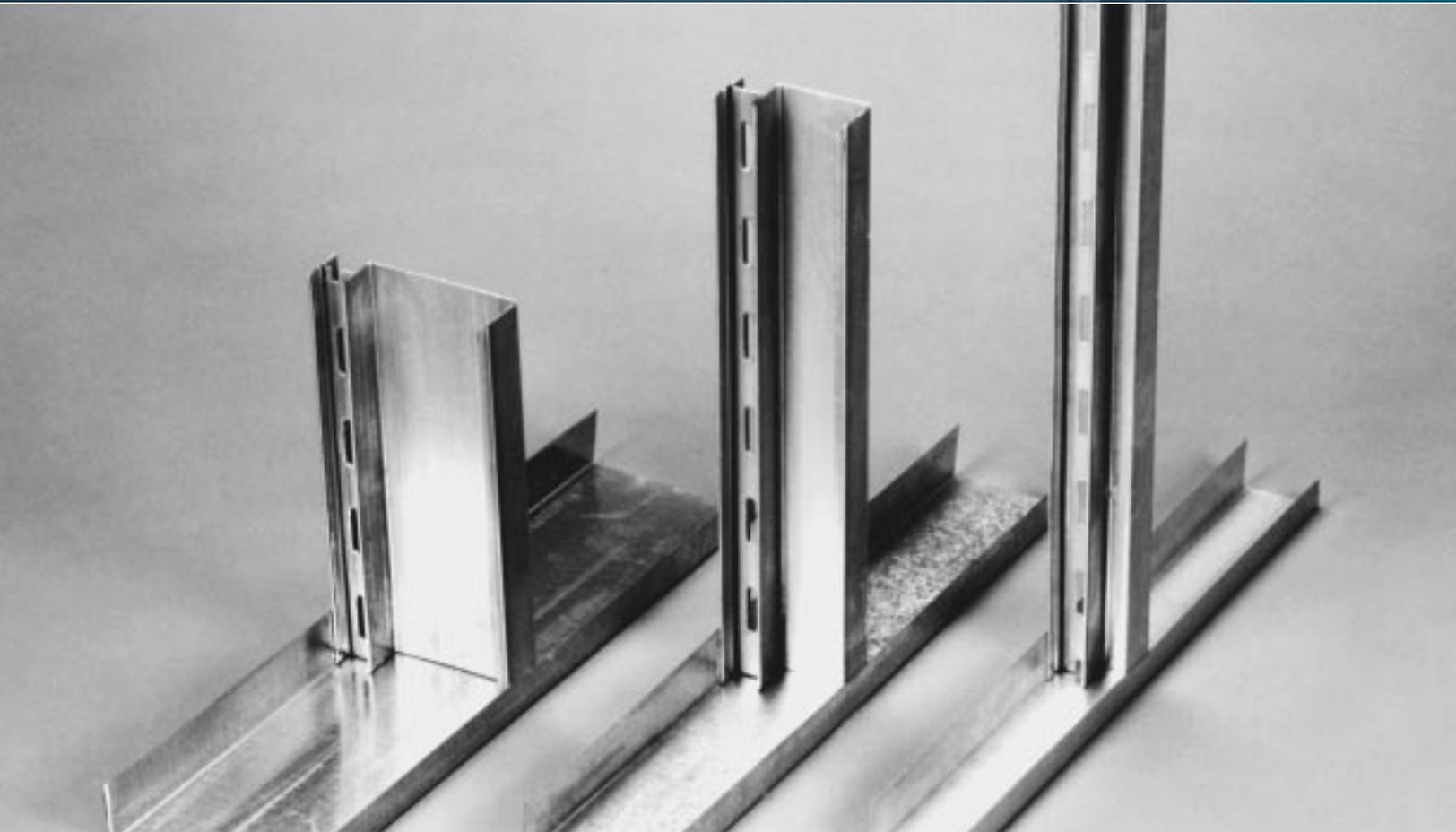




SHAFTWALL SYSTEMS

CH



SHAFTWALL SYSTEMS

METAL U.P. INC. IN TERREBONNE MANUFACTURES CH STUDS USED IN THE CONSTRUCTION OF ELEVATOR AND STAIR ENCLOSURES, AIR DUCTS, ETC.

CH STUDS ARE UNIQUE STRUCTURAL COMPONENTS DUE TO THEIR RIGIDITY, STIFFNESS AND EFFICIENCY. USED WITH J-CHANNELS AND GYPSUM PANELS, CH STUDS ARE EASIER TO INSTALL, LIGHTER AND COSTLESS.

FIRE AND ACOUSTIC TESTS ON CH STUDS

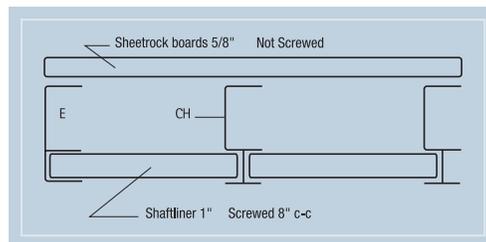
Fire tests were conducted in compliance with the following standards:

- ASTM E - 119
- UL - 263
- CAN/ULC S - 101
- NFPA 251
- UL - 71

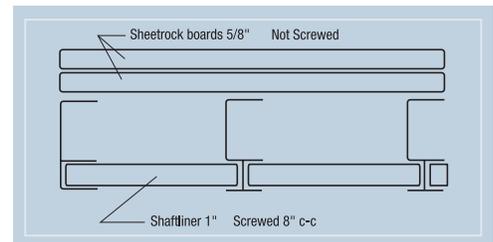
Acoustic tests were conducted in compliance with ASTM - E - 90 standards.

EXAMPLE OF ASSEMBLY

- Assembly fire 1 hour



- Assembly fire 2 hours



TEST RESULTS

ASSEMBLY	FIRE RESISTANCE	STC
assembly 1	1 hour	not tested
assembly 2	2 hours	45
assembly 2 insulated ⁽¹⁾	2 hours	50
assembly 2 insulated + RC1 ⁽²⁾	2 hours	52

⁽¹⁾ Insulation material inserted between gypsum boards. Material used is 1-1/2" Roxul.

⁽²⁾ 13 mm RC1 is installed on CH stud on double gypsum side.