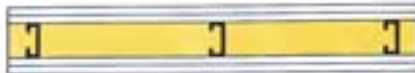


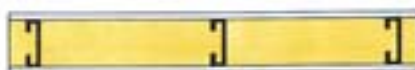
Fire Rated Wall Assemblies



Rating: 2 hour non-bearing (U 419)
 Double layer 1/2" Type X gypsum board
 2 1/2" steel studs on 24" centers
 2 1/2" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 411)
 Double layer 5/8" Type X gypsum board
 Min. 2 1/2" steel studs on 24" centers
 2 1/2" Certainteed fiber glass insulation



Rating: 1 hour non-bearing (U 419)
 Single layer 5/8" Type X gypsum board
 Min. 3 1/2" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 419)
 Double layer 1/2" Type X gypsum board
 3 5/8" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 1 hour non-bearing (U 465 or U 419)
 Single layer 5/8" Type X gypsum board
 3 5/8" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 1 hour non-bearing (U 465)
 Single layer 5/8" Type X gypsum board
 3 5/8" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



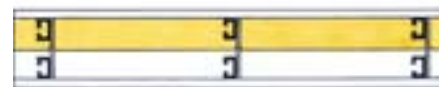
Rating: 1 hour non-bearing (U 419)
 Single layer 5/8" Type X gypsum board
 Min. 3 1/2" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



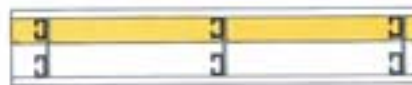
Rating: 2 hour non-bearing (U 411 or U 419)
 Double layer 5/8" Type X gypsum board
 3 5/8" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 436)
 Chase wall: Double layer 5/8" Type X gypsum board
 1 5/8" steel studs on 24" centers
 Certainteed fiber glass insulation to fill cavity



Rating: 1 hour non-bearing (U 420)
 Chase wall: Single layer 5/8" Type X gypsum board
 1 5/8" steel studs on 24" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 420)
 Chase wall: Double layer 5/8" Type X gypsum board
 1 5/8" steel studs on 24" centers
 2 1/2" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 497)
 Shaft wall: Single layer 1" Type FSW gypsum board
 one side, Double layer 1/2" Type FSW-G gypsum board
 other side
 2 1/2" steel I studs on 24" centers
 1 1/2" Certainteed Partition insulation



Rating: 2 hour non-bearing (U 498)
 Shaft wall: Double layer (1" Type X + 1/2" Type FSW)
 gypsum board on one side, Single layer 1/2"
 Type FSW-G gypsum board on other side
 2 1/2" steel I studs on 24" centers
 1 1/2" Certainteed Partition insulation



Rating: 1 hour non-bearing (U 499)
 Shaft wall: Single layer 1" Type FSW gypsum board on
 one side, single layer 5/8" Type FSW gypsum board on
 other side
 2 1/2" steel I studs on 24" centers
 1 1/2" Certainteed Partition insulation



Rating: 1 hour non-bearing (U 465 or U 419)
 Single layer 5/8" Type X gypsum board on each side
 6" steel studs on 24" centers
 6 1/4" Certainteed fiber glass insulation



Rating: 2 hour non-bearing (U 419)
 Double layer 5/8" Type X gypsum board on each side
 6" steel studs on 24" centers
 6 1/4" Certainteed fiber glass insulation



Rating: 3/4 hour bearing (U 317)
 Single layer 1/2" Type X gypsum board on each side
 2" x 4" wood studs on 16" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 1 hour bearing (U 305)
 Single layer 5/8" Type X gypsum board on each side
 2" x 4" wood studs on 16" centers
 3 1/2" Certainteed fiber glass insulation



Rating: 1 hour bearing (U 341)
 Single layer 5/8" Type X gypsum board on each side
 2" x 4" double wood studs on 24" centers
 2 layers 3 1/2" Certainteed fiber glass insulation

NOTE:
 Drawings for illustration purposes only. Refer to
 Underwriters Laboratories Fire Resistance Directory
 for assembly details and other options.