

2 HOUR FIRE RATING:

Using the National Building Code Sections 1.6 and 2.1, our 64% solid 2 hr Fire Rated Stretcher block has an equivalent thickness of 121 mm.

Calculation to determine fire resistance rating using the 'Equivalent Thickness Method':

$$S \text{ or } N \text{ Concrete:}$$

$$FRR = 2 \text{ hr} + (121-113)/(142-116) \times 1 \text{ hr}$$

$$= \mathbf{2.31 \text{ HOURS}}$$



PLEASE NOTE: Products are made from natural material sources and therefore color variation and efflorescence may occur.

PACKAGING:

Pieces Per Pallet: 50 Stretcher + 25 Breaker
 Weight Per Piece: 20.00 kg (44 lbs)
 Weight Per Pallet: 1452 kg (3200 lbs)
 Coverage Per Piece: 0.8 sq.ft

DIMENSIONAL TOLERANCES:

Meets the requirements of CSA A165.1 Concrete Masonry
 Length: -3 to +3 mm
 Width: -2 to +2 mm
 Height: -3 to +2 mm

PHYSICAL PROPERTIES:

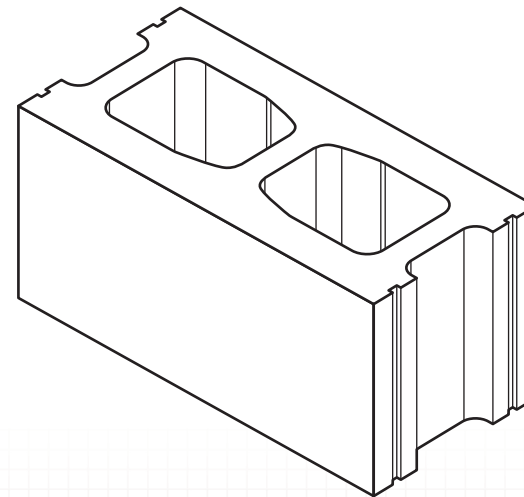
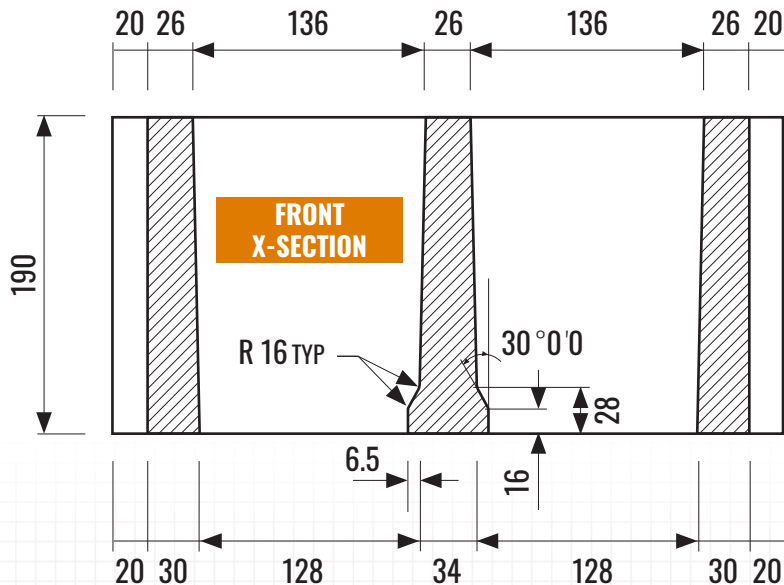
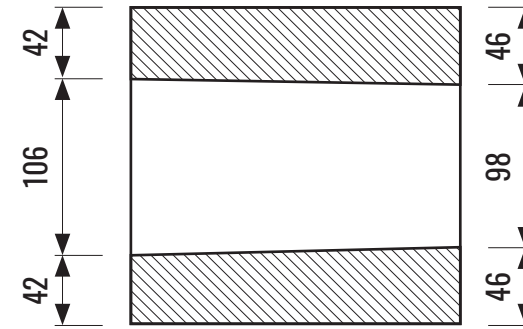
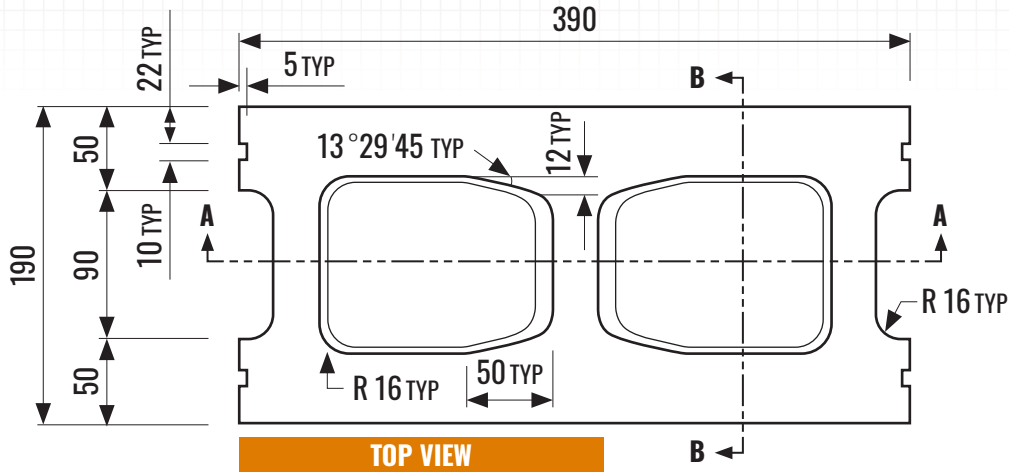
Meets the requirements of CSA A165.1 Concrete Masonry
 Compressive Strength: Min. 15 MPa @ 28 Days
 Absorption (%): 8.0% Maximum @ 28 Days



Casey Concrete

caseyconcrete.ca

190 mm (8 in.) FIRE RATED STRETCHER BLOCK 61% Solid 2 Hour Fire Rated



2 HOUR FIRE RATING:

Using the National Building Code Sections 1.6 and 2.1, our 61% solid 2 hr Fire Rated Stretcher block has an equivalent thickness of 116 mm.

Calculation to determine fire resistance rating using the 'Equivalent Thickness Method':

$$S \text{ or } N \text{ Concrete: } FRR = 2 \text{ hr} + (116-113)/142-116 \times 1 \text{ hr} = 2.04 \text{ HOURS}$$

PLEASE NOTE: Products are made from natural material sources and therefore color variation and efflorescence may occur.

PACKAGING:

Pieces Per Pallet: 50 Stretcher + 25 Breaker
 Weight Per Piece: 19.06 kg (42 lbs)
 Weight Per Pallet: 1452 kg (3200 lbs)
 Coverage Per Piece: 0.8 sq.ft

DIMENSIONAL TOLERANCES:

Meets the requirements of CSA A165.1 Concrete Masonry
 Length: -3 to +3 mm
 Width: -2 to +2 mm
 Height: -3 to +2 mm

PHYSICAL PROPERTIES:

Meets the requirements of CSA A165.1 Concrete Masonry
 Compressive Strength: Min. 15 MPa @ 28 Days
 Absorption (%): 8.0% Maximum @ 28 Days

