

**Calculated Fire-Resistance Ratings for UngROUTED or Partially Grouted Single Wythe Masonry Walls Constructed of Standard Concrete Block Masonry Units of Typical Solid Contents (Based on Table D-2.1.1 NBCC-2010)\*\***

290 mm	51% (Hollow)	Type S or N	194
		Type L <sub>1</sub> 20S	229
		Type L <sub>1</sub>	240
		Type L <sub>2</sub> 20S	240
		Type L <sub>2</sub>	240
	78% (Semi-Solid)	Type S or N	240
		Type L <sub>1</sub> 20S	240
		Type L <sub>1</sub>	240
		Type L <sub>2</sub> 20S	240
		Type L <sub>2</sub>	240
	100% (Full Solid)	Type S or N	240
		Type L <sub>1</sub> 20S	240
		Type L <sub>1</sub>	240
		Type L <sub>2</sub> 20S	240
		Type L <sub>2</sub>	240

\*\*Note hollow or semi-solid units can be considered solid when cores that are not reinforced are filled with grout, sand or vermiculite