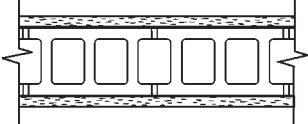
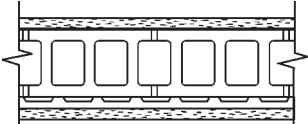
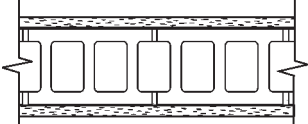
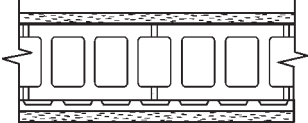
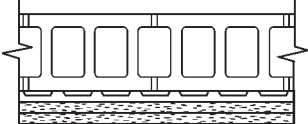


# CONCRETE BLOCK/GYPSUM BOARD WALLS

SOUND TRANSMISSION CLASS (STC)	CONSTRUCTION	DESCRIPTION	DESIGN NUMBER/ TEST REPORTS
<b>FIRE RESISTANCE RATING: 2h</b>			
<b>47</b>		<p><b>System WBA247</b> 140mm (nominal 6") concrete block, 15.9mm (5/8") ProRoc Type X, 1 layer, directly applied each side.</p> <p>Install board vertically or horizontal to each side with adhesive or mechanical fasteners. Tape and finish joints with ProRoc products.</p>	<p>FIRE: NBCC (1995) Table A-9.10.3.1.A Wall B2b</p> <p>SOUND: NBCC (1995) Table A-9.10.3.1.A Wall B2b</p>
<b>51</b>		<p><b>System WBA251</b> 140mm (nominal 6") concrete block, 15.9mm (5/8") ProRoc Type X, 1 layer, directly applied one side. Other side, 1 layer on resilient channels.</p> <p>Install board on one side vertically or horizontally with adhesive or mechanical fasteners. Attach resilient channels horizontally at 600mm (24") o.c. or 400mm (16") o.c. to other side of the block wall. Install mineral fibre insulation in the furred space and fasten board vertically or horizontally to the resilient channels with 25mm (1") screws spaced 300mm (12") o.c. Tape and finish joints with ProRoc products.</p>	<p>FIRE: NBCC (1995) Table A-9.10.3.1.A Wall B3a</p> <p>SOUND: NBCC (1995) Table A-9.10.3.1.A Wall B3a</p>
<b>FIRE RESISTANCE RATING: 3h</b>			
<b>50</b>		<p><b>System WBB350</b> 190mm (nominal 8") concrete block, 15.9mm (5/8") ProRoc Type X, 1 layer, directly applied each side.</p> <p>Install board vertically or horizontal to each side with adhesive or mechanical fasteners. Tape and finish joints with ProRoc products.</p>	<p>FIRE: NBCC (1995) Table A-9.10.3.1.A Wall B2e</p> <p>SOUND: NBCC (1995) Table A-9.10.3.1.A Wall B2e</p>
<b>54</b>		<p><b>System WBB354</b> 190mm (nominal 8") concrete block, 15.9mm (5/8") ProRoc Type X, 1 layer, directly applied one side. Other side, 1 layer on resilient channel.</p> <p>Install board on one side vertically or horizontally with adhesive or mechanical fasteners. Attach resilient channels horizontally at 600mm (24") o.c. or 400mm (16") o.c. to other side of the block wall. Install mineral fibre insulation in the furred space and fasten board vertically or horizontally to the resilient channels with 25mm (1") screws spaced 300mm (12") o.c. Tape and finish joints with ProRoc products.</p>	<p>FIRE: NBCC (1995) Table A-9.10.3.1.A Wall B3c</p> <p>SOUND: NBCC (1995) Table A-9.10.3.1.A Wall B3c</p>
<b>56</b>		<p><b>System WBB356</b> 190mm (nominal 8") concrete block, 15.9mm (5/8") ProRoc Type X, 2 layers, on resilient channel, 1 side.</p> <p>Attach resilient channels horizontally at 600mm (24") o.c. or 400mm (16") o.c. to one side of the block wall. Install mineral fibre insulation in the furred space and fasten base layer of board vertically or horizontally to the resilient channels with 25mm (1") screws spaced 300mm (12") o.c. Install face layer of board vertically or horizontally to resilient channel with 41mm (1 1/2") screws spaced 300mm (12") o.c. Joints must be offset. Tape and finish joints with ProRoc products.</p>	<p>FIRE: NBCC (1995) Table A-9.10.3.1.A Wall B10a</p> <p>SOUND: NBCC (1995) Table A-9.10.3.1.A Wall B10a</p>