IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

Quad-Lock Wall Assembly

R-28 [U-0.21] WITH 4" [102mm] CONCRETE CORE

SECTION (FRONT) VIEW

EXTERIOR WALL FINISH

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT

HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT
OF VERTICAL REINFORCEMENT

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

QUAD-LOCK BLUE TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR

REINFORCED CONCRETE CORE

PLAN (TOP) VIEW

QUAD-LOCK ULTRA PANEL
4'-0" [1219mm] LONG

QUAD-LOCK BLUE TIE

NOT TO SCALE
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS. IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

1. SECTION (FRONT) VIEW
   R28 [U-0.21] INSULATION WITH 6" [152mm] CONCRETE CORE

2. PLAN (TOP) VIEW
   R28 [U-0.21] INSULATION WITH 6" [152mm] CONCRETE CORE

3. QUAD-LOCK YELLOW TIE
   FTV8

4. QUAD-LOCK ULTRA PANEL
   QPX3

QUAD-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 6" [152mm] CONCRETE CORE

QUAD-LOCK WALL ASSEMBLY
8.5" x 11" [216mm x 279mm] NOT TO SCALE

N/A
YY-MM-DD
Z. PROSTRAN
G. KUSTERMANN

2018-06-01
2018-06-04

QUAD-LOCK ULTRA PANEL

3.125" [79mm] THICK EPS
QUAD-LOCK YELLOW TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR
REINFORCED CONCRETE CORE

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

HORIZONTAL WALL REINFORCEMENT
QUAD-LOCK ULTRA PANEL
QUAD-LOCK TIE FLANGES

EXTERIOR WALL FINISH

QUAD-LOCK BUILDING SYSTEMS
7398 - 132nd Street
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Canada
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604.590.3111
604.590.8412 - fax
www.quadlock.com

6" [152mm] THICK EPS
QUAD-LOCK ULTRA PANEL
1'-0" [305mm] TALL

6" [152mm] CONCRETE CORE

6" [152mm] CONCRETE CORE
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

SECTION (FRONT) VIEW
R28 (U-0.21) INSULATION WITH 8" [203mm] CONCRETE CORE

PLAN (TOP) VIEW
R28 (U-0.21) INSULATION WITH 8" [203mm] CONCRETE CORE

QUAD-LOCK GREEN TIE
QUAD-LOCK ULTRA PANEL
QUAD-LOCK ULTRA PANEL

EXTERIOR WALL FINISH
INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES
VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT
OF VERTICAL REINFORCEMENT
QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS
QUAD-LOCK GREEN TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR
REINFORCED CONCRETE CORE

EXTERIOR WALL FINISH
INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES
VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT
OF VERTICAL REINFORCEMENT
QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS
QUAD-LOCK GREEN TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR
REINFORCED CONCRETE CORE

QUAD-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 8" [203mm] CONCRETE CORE

8.5" x 11" [216mm x 279mm]
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

QUAD-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 10" [254mm] CONCRETE CORE

SECTION (FRONT) VIEW
R28 (U-0.21) INSULATION WITH 10" [254mm] CONCRETE CORE

QUAD-LOCK RED TIE
FTR12

PLAN (TOP) VIEW
R28 (U-0.21) INSULATION WITH 10" [254mm] CONCRETE CORE

QUAD-LOCK ULTRA PANEL
4'-0" [1219mm] LONG

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

REINFORCED CONCRETE CORE

EXTERIOR WALL FINISH

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

QUAD-LOCK ULTRA PANEL
1'-0" [305mm] TALL

QUAD-LOCK ULTRA PANEL
10" [254mm]

EXTERIOR WALL FINISH

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

QUAD-LOCK RED TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR

REINFORCED CONCRETE CORE
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

Quad-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 12" [305mm] CONCRETE CORE

SECTION (FRONT) VIEW
1. R28 (U-0.21) INSULATION WITH 12" [305mm] CONCRETE CORE

PLAN (TOP) VIEW
2. R28 (U-0.21) INSULATION WITH 12" [305mm] CONCRETE CORE

QUAD-LOCK ULTRA PANEL
3. 3.125" [79mm] THICK EPS
4. QUAD-LOCK ULTRA PANEL

QUAD-LOCK BROWN TIE
3. HDPE PLASTIC
4. PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

EXTERIOR WALL FINISH
INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ. FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

REINFORCED CONCRETE CORE

QUAD-LOCK BROWN TIE - HDPE PLASTIC SPACED AT 12" [305mm] O/C VER & HOR

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.

EXTERIOR WALL FINISH

G. KUSTERMANN

NOT TO SCALE

QUAD-LOCK ULTRA PANEL
4'-0" [1219mm] LONG

1'-0" [305mm]
1'-0" [305mm]
3/8" [79mm]
3/8" [79mm]
3/8" [79mm]
3/8" [79mm]
3/8" [79mm]
3/8" [79mm]
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE
REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF
THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND
SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

Quad-Lock Wall Assembly
R-28 [U-0.21] WITH 14" [356mm] CONCRETE CORE

SECTION (FRONT) VIEW
R-28 [U-0.21] INSULATION WITH 14" [356mm] CONCRETE CORE

PLAN (TOP) VIEW
R-28 [U-0.21] INSULATION WITH 14" [356mm] CONCRETE CORE

QUAD-LOCK EXTENDER TIE & BLACK TIE
XT and FTB4

QUAD-LOCK ULTRA PANEL
4'-0" [1219mm] LONG

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

EXTERIOR WALL FINISH
INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT
HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT
OF VERTICAL REINFORCEMENT

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

QUAD-LOCK EXTENDER TIE COMBINED WITH
BLACK TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR

REINFORCED CONCRETE CORE

QUAD-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 14" [356mm] CONCRETE CORE

DATE DRAWN: 2018-06-01
SCALE: NOT TO SCALE

DRAWN BY: Z. PROSTRAN
APPROVED ON: 2018-06-04
APPROVED BY: G. KUSTERMANN

Quad-Lock Building Systems
7288 – 132nd Street
Surrey, BC V3W 4M7
Canada
866 711-5625 – Toll Free
604.590.3111
604.590.8412 - fax
www.quadlock.com

6.5" [165mm]
1'-2"
[356mm]
3" [79mm]

1'-2"
[356mm]

3" [79mm]
1'-2"
[356mm]
3" [79mm]
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

SECTION (FRONT) VIEW
R28 [U-0.21] INSULATION WITH 16" [406mm] CONCRETE CORE

QUAD-LOCK EXTENDER TIE & BLUE TIE
XT and FTB6

QUAD-LOCK ULTRA PANEL
4'-0" [1219mm] LONG

EXTERIOR WALL FINISH

INTERIOR WALL FINISH
GYPSUM WALLBOARD OR EQ.
FASTEN TO QUAD-LOCK TIE FLANGES

VERTICAL WALL REINFORCEMENT

HORIZONTAL WALL REINFORCEMENT
PLACED ALTERNATELY LEFT AND RIGHT OF VERTICAL REINFORCEMENT

QUAD-LOCK ULTRA PANEL
3.125" [79mm] THICK EPS

QUAD-LOCK EXTENDER TIE COMBINED WITH BLUE TIE - HDPE PLASTIC
SPACED AT 12" [305mm] O/C VER & HOR

REINFORCED CONCRETE CORE

QUAD-LOCK ULTRA PANEL
1'-0" [305mm] TALL
1'-4" [406mm]

QUAD-LOCK WALL ASSEMBLY
R-28 [U-0.21] WITH 16" [406mm] CONCRETE CORE

NOT TO SCALE

2018-06-01

8.5" x 11" [216mm x 279mm]

Z. PROSTRAN
G. KUSTERMANN

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www.quadlock.com

Quad-Lock Building Systems
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Surrey, BC V3W 4M7
Canada
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

QUAD-LOCK ULTRA PANELS ARE MOLDED FROM MODIFIED EXPANDED POLYSTYRENE (EPS) HAVING AN AVERAGE DENSITY OF 1.4 lb/ft³ [22.2 g/l].

QUAD-LOCK ULTRA CORNER PANELS ARE MOLDED FROM MODIFIED EXPANDED POLYSTYRENE (EPS) HAVING AN AVERAGE DENSITY OF 1.4 lb/ft³ [22.2 g/l].
ALL QUAD-LOCK TIES ARE MADE OF HDPE PLASTIC (HIGH DENSITY POLYETHYLENE)

IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

IT IS FURTHER THE RESPONSIBILITY OF THE USER TO RESEARCH AND UNDERSTAND SAFE METHODS OF USE AND HANDLING OF THESE PRODUCTS.

Quad-Lock Plastic Ties

<table>
<thead>
<tr>
<th>Tie Name</th>
<th>Concrete Core Thickness</th>
<th>Total Quad-Lock Wall Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Tie</td>
<td>4&quot; [102mm]</td>
<td>10.25&quot; [260mm]</td>
</tr>
<tr>
<td>Yellow Tie</td>
<td>6&quot; [152mm]</td>
<td>12.25&quot; [311mm]</td>
</tr>
<tr>
<td>Green Tie</td>
<td>8&quot; [203mm]</td>
<td>14.25&quot; [363mm]</td>
</tr>
<tr>
<td>Red Tie</td>
<td>10&quot; [254mm]</td>
<td>16.25&quot; [413mm]</td>
</tr>
<tr>
<td>Brown Tie</td>
<td>12&quot; [305mm]</td>
<td>18.25&quot; [464mm]</td>
</tr>
<tr>
<td>Black Tie + XT</td>
<td>14&quot; [356mm]</td>
<td>20.25&quot; [514mm]</td>
</tr>
<tr>
<td>Blue Tie + XT</td>
<td>16&quot; [406mm]</td>
<td>22.25&quot; [566mm]</td>
</tr>
</tbody>
</table>

Concrete Core Thickness:
- 4" [102mm]
- 6" [152mm]
- 8" [203mm]
- 10" [254mm]
- 12" [305mm]
- 14" [356mm]
- 16" [406mm]

Total Quad-Lock Wall Thickness (W/O Finish):
- 10.25" [260mm]
- 12.25" [311mm]
- 14.25" [363mm]
- 16.25" [413mm]
- 18.25" [464mm]
- 20.25" [514mm]
- 22.25" [566mm]

Available for:
- Blue, Yellow, Green, Red & Brown Ties

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G. KUSTERMANN
2018-06-04

NOT TO SCALE
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

ALL QUAD-LOCK CORNER BRACKETS ARE MADE OF GALVANIZED SHEET STEEL
CBI, CBW, CBA and CBS are 22 gauge; Minimum 0.0336 [0.853mm] Thickness.

ALL QUAD-LOCK WIRE TOP TIES ARE MADE OF GALVANIZED WIRE 6 GAUGE; 0.192 [4.87mm] Thickness.

ALL QUAD-LOCK METAL COMPONENTS ARE MADE OF GALVANIZED SHEET STEEL
CBW - ENDCAP BRACKET
CBA - ANGLE BRACKET
CBS - STRAIGHT BRACKET

QUAD-LOCK METAL TRACK
CTP10 or CTP7.5

QUAD-LOCK METAL TRACKS ARE MADE OF GALVANIZED SHEET STEEL
20 gauge; 0.0396 [1.005mm] Thickness.

ALL QUAD-LOCK WIRE TOP TIES ARE MADE OF GALVANIZED WIRE 6 GAUGE; 0.192 [4.87mm] Thickness.

WIRE TOP TIE 4 - WTT4
WIRE TOP TIE 6 - WTT6
WIRE TOP TIE 8 - WTT8
WIRE TOP TIE 10 - WTT10
WIRE TOP TIE 12 - WTT12
WIRE TOP TIE 14 - WTT14

WIRE TOP TIE 14 - WTT14
WIRE TOP TIE 12 - WTT12
WIRE TOP TIE 10 - WTT10
WIRE TOP TIE 8 - WTT8
WIRE TOP TIE 6 - WTT6
WIRE TOP TIE 4 - WTT4

WIRE TOP TIE 14 - WTT14
WIRE TOP TIE 12 - WTT12
WIRE TOP TIE 10 - WTT10
WIRE TOP TIE 8 - WTT8
WIRE TOP TIE 6 - WTT6
WIRE TOP TIE 4 - WTT4

WIRE TOP TIE 14 - WTT14
WIRE TOP TIE 12 - WTT12
WIRE TOP TIE 10 - WTT10
WIRE TOP TIE 8 - WTT8
WIRE TOP TIE 6 - WTT6
WIRE TOP TIE 4 - WTT4

ALL QUAD-LOCK CORNER BRACKETS ARE MADE OF GALVANIZED SHEET STEEL
CBO is 20 gauge; 0.0396 [1.005mm] Thickness.
CBI, CBW, CBA and CBS are 22 gauge; Minimum 0.0336 [0.853mm] Thickness.

QUAD-LOCK CTP10 AND CTP7.5 TRACKS ARE MADE OF GALVANIZED SHEET STEEL
20 gauge; 0.0396 [1.005mm] Thickness.

QUAD-LOCK TRACK
CTP10 or CTP7.5

QUAD-LOCK TRACK
CTP10 or CTP7.5

QUAD-LOCK TRACK
CTP10 or CTP7.5

QUAD-LOCK TRACK
CTP10 or CTP7.5
IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE REGULATIONS AND BUILDING CODE REQUIREMENTS CONCERNING THE USE OF THESE PRODUCTS.

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<tr>
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</tr>
<tr>
<td>BLACK TIE + XT</td>
<td>14&quot; [356mm]</td>
</tr>
</tbody>
</table>

QUAD-LOCK PLASTIC TIE (SEE TABLE) INSTALLED @ 12" [305mm] O/C VER. & HOR

QUAD-LOCK METAL TRACK (PANEL KNOBS CUT OFF)

QUAD-LOCK WIRE TOP TIE 4 PER PANEL (1 AT EACH END)

QUAD-LOCK METAL TRACK

STRIP FOOTING AS SPECIFIED

QUAD-LOCK ULTRA PANELS
3.125" [79mm] THICK x 48" [1219mm] LONG x 12" [305mm] TALL MOLDED FROM MODIFIED EXPANDED POLYSTYRENE (EPS) HAVING AN AVERAGE DENSITY OF 1.4 lb/ft³ [22.2 g/l]

QUAD-LOCK PLASTIC TIE (SEE TABLE) INSTALLED @ 12" [305mm] O/C VER. & HOR

QUAD-LOCK METAL TRACK

REINFORCEMENT OMITTED FOR CLARITY

See Table Above