



## ARCHITECT'S GUIDE SPECIFICATIONS

**THE FOLLOWING PARAGRAPHS ARE FOR INSERTION INTO SECTIONS OF GENERIC SPECIFICATIONS OR GENERIC/ PROPRIETARY SPECIFICATIONS COVERING CONCRETE FORMWORK.**

### 2.XX ACCESSORIES

A. Waterstops: Polyvinyl Chloride (PVC) with the following physical properties:

1. Tensile Strength: Not less than 2020 psi when tested in accordance with ASTM D 412.
2. Ultimate Elongation: Not less than 410 percent when tested in accordance with ASTM D 412.
3. Low Temperature Brittleness at minus 35 degrees F: Passes when tested in accordance with ASTM D 746.
4. Stiffness in Flex: Not less than 1440 psi when tested in accordance with ASTM D 747.
5. Initial Hardness, Shore A: 80 plus or minus 5 when tested in accordance with CRD C-572.
6. Tensile: Not less than 1910 psi when tested in accordance with CRD C-572.
7. Elongation: Not less than 390 percent when tested in accordance with CRD C-572.
8. Weight Change: Not more than plus 0.12 when tested in accordance with CRD C-572.
9. Durometer Change: Not more than minus 3 when tested in accordance with CRD C-572.
10. Acceptable Products: "Waterstops"; BoMetals, Inc.

**SELECT TYPE(S) FROM BELOW, FILL IN MODEL NUMBER(S) AND COORDINATE WITH DRAWINGS.**

a. Ribbed Center Bulb:

Model Number RCB-\_\_\_\_\_.

b. Split Ribbed: Model Number SR-\_\_\_\_\_.

c. Dumbbell with Center Bulb:

Model Number DBCB-\_\_\_\_\_.

d. Tear Web: Model Number TW-\_\_\_\_\_.

e. Flat Ribbed: Model Number FR-\_\_\_\_\_.

f. Dumbbell: Model Number DB-\_\_\_\_\_.

g. Split Dumbbell: Model Number SD-\_\_\_\_\_.

h. Base Seal: Model Number BS-\_\_\_\_\_.

i. Multi-Rib: Model Number MR-\_\_\_\_\_.

j. Retrofit: Model Number RF-\_\_\_\_\_.

B. Control Joint Forms: Two-part, high-impact polystyrene joint former, with top portion designed to be removed after concrete has hardened.

**FILL IN DEPTH(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE DEPTHS ARE 1, 1-1/2 AND 2 INCHES.**

1. Depth: \_\_\_\_\_ inches.

2. Acceptable Product: "Zip Joints"; BoMetals, Inc.

C. Expansion Board Caps: High-impact polystyrene caps for fiber board filler, designed to be removed after concrete has hardened and before sealants are applied.

**FILL IN WIDTH(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE WIDTHS ARE 3/8, 1/2, 3/4 AND 1 INCH.**

1. Width: \_\_\_\_\_ inch.

2. Acceptable Product: "Expansion Board Caps"; BoMetals, Inc.

D. Metal Keyed Control Joint: Hot-dipped galvanized steel conforming to ASTM A 924 and ASTM A 653, CQ or LFQ, with hot rolled, pickled and oiled steel stakes conforming to ASTM A 569.

1. Gage: 24.



**INSERT THICKNESS(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE THICKNESSES ARE 4,5, 6, 8 AND 10 TO 12 INCHES.**

2. Thickness(s): \_\_\_\_\_ inches.

**INSERT LENGTH(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE LENGTHS ARE 12, 15,18 AND 24 INCHES.**

3. Stake Length(s): \_\_\_\_\_ inches.

4. Accessories: Provide manufacturer's standard removable void caps, non removable caps, splices, and stake clips.

5. Acceptable Product: "Quickey"; BoMetals, Inc.

**GENERALLY SELECT EITHER CONTROL JOINT ABOVE OR BELOW. RETAIN BOTH IF REQUIRED AND COORDINATE WITH DRAWINGS.**

E. Metal Keyed Control Joint: Hot-dipped galvanized steel conforming to ASTM A 924 and ASTM A 653, CQ or LFQ, with hot rolled, pickled and oiled steel stakes conforming to ASTM A 569.

1. Gage: 24.

**INSERT THICKNESS(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE THICKNESSES ARE 4, 5, 6, 8 AND 10 TO 12 INCHES.**

2. Thickness(s): \_\_\_\_\_ inches.

**INSERT LENGTH(S) BELOW AND COORDINATE WITH DRAWINGS. AVAILABLE LENGTHS ARE 12, 15, 18 AND 24 INCHES.**

3. Stake Length(s): \_\_\_\_\_ inches.

4. Accessories: Provide manufacturer's standard removable void caps.

5. Acceptable Product: "Pro-Key"; BoMetals, Inc.

F. Dovetail Slots and Anchors: Hot-dipped galvanized steel conforming to ASTM A 924 and ASTM A 653, CQ or LFQ.

**SLOTS ARE AVAILABLE WITH OR WITHOUT FOAM FILLER, SELECT ONE OF THE THREE PARAGRAPHS. BELOW AND COORDINATE WITH DRAWINGS.**

1. Slots: 1-inch by 1-inch with 3/4-inch throat and polystyrene foam filler.

1. Slots: 1-inch by 1-inch with 3/4-inch throat, without polystyrene foam filler.

1. Slots: 1-inch by 1-inch with 3/4-inch throat, with and without polystyrene foam filler as indicated on the drawings.

**SELECT FROM GAGES BELOW AND COORDINATE WITH DRAWINGS.**

a. Gage(s): 26/28, 24, 22, 20 and 18 as indicated on the drawings.

2. Anchors: 16 gage by 1-inch wide.

**SELECT FROM LENGTHS BELOW AND COORDINATE WITH DRAWINGS.**

a. Length(s): 3-1/2-inch and 5-1/2-inch as indicated on the drawings.

3. Acceptable Product: "Pro-Slot Anchor Slot & Dovetail Anchors"; BoMetals, Inc.

**NO SPECIAL INSTALLATION SPECIFICATIONS ARE REQUIRED FOR THE PRODUCTS ABOVE BEYOND WHAT WOULD NORMALLY APPEAR IN A CONCRETE FORMWORK SPECIFICATION.**



**THE FOLLOWING PARAGRAPHS ARE FOR INSERTION INTO SECTIONS OF GENERIC SPECIFICATIONS OR GENERIC/ PROPRIETARY SPECIFICATIONS COVERING CONCRETE UNIT MASONRY.**

**2.XX ACCESSORIES**

A. Control Joints: Polyvinyl Chloride (PVC) with the following physical properties:

1. Tensile Strength: Not less than 2420 psi when tested in accordance with ASTM D 638.
2. Elongation: Not less than 200 percent when tested in accordance with ASTM D 792.
3. Specific Gravity: Not less than 1.40 when tested in accordance with ASTM D 638.
4. Hardness, Shore A: 85 plus or minus 5 when tested in accordance with ASTM D 2240.
5. Acceptable Products: "PVC Control Joints"; BoMetals, Inc.

**FILL IN CATALOG # (S) BELOW AND COORDINATE WITH DRAWINGS.**

a. Catalog # :

**GENERALLY SELECT EITHER PVC ABOVE OR RUBBER BELOW. NOTE THAT RUBBER HAS A MUCH LOWER TENSILE STRENGTH AND, THEREFORE, MUCH GREATER ELONGATION. RETAIN BOTH IF REQUIRED AND COORDINATE WITH DRAWINGS.**

A. Control Joints: Rubber with the following physical properties:

1. Tensile Strength: Not less than 732 psi when tested in accordance with ASTM D 2000.
2. Elongation: Not less than 500 percent when tested in accordance with ASTM D 2000.
3. Hardness, Shore A: 80 plus or minus 5 when tested in accordance with ASTM D 2240.
4. Acceptable Products: "Rubber Control Joints"; BoMetals, Inc.

**FILL IN CATALOG # (S) BELOW AND COORDINATE WITH DRAWINGS.**

a. Catalog # :

**NO SPECIAL INSTALLATION SPECIFICATIONS ARE REQUIRED FOR THE PRODUCTS ABOVE BEYOND WHAT WOULD NORMALLY APPEAR IN A CONCRETE UNIT MASONRY SPECIFICATION.**