**TYPICAL DELTA®-MS INSTALLATION DETAIL ON Poured Concrete Foundation Wall**

**Concrete Foundation Wall**

- **DELTA®-MS**
- **www.deltams.com**
- **The Foundation Wrap**

**Footing**

- **DELTA®-MOLD STRIP**
- **DELTA®-SEALANT behind the flat tab**

- **4" perimeter drainage pipe with min. 6" cover of \( \frac{3}{4} \)" course gravel**

- **12" o/c**

- **24" o/c**

- **2" DELTA®-SEALANT behind the flat tab**

- **Clearance of minimum 3"**

- **6" overlap**

- **\( \frac{1}{2} \)" bead of DELTA®-SEALANT**

- **Cut membrane on an angle in areas of grade change use DELTA®-MOLD STRIP to terminate**

- **Cut membrane around openings use DELTA®-MOLD STRIP to terminate**

- **Cold joint protection (optional)**

- **DELTA®-FOOTING BARRIER (recommended)**

- **Align dimples on DELTA®-"T" FAST'ner with dimples on DELTA®-MS**

- **Visual aid: Diamond shape markings at 6" o/c**

- **6" cover of \( \frac{3}{4} \)" coarse gravel**

- **4" perimeter drainage pipe with min. 6" cover of \( \frac{3}{4} \)" course gravel**

**Cold joint protection (optional)**: DELTA®-FOOTING BARRIER (recommended)

**Typical DELTA®-MS Installation Detail on Poured Concrete Foundation Wall**

**SUBSTANTIAL EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION IN THIS DETAIL DRAWING IS ACCURATE. DÖRKEN SYSTEMS INC. CANNOT ACCEPT RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS IN THE USE OF THIS MATERIAL OR IN THE PREPARATION OF ARCHITECTURAL OR ENGINEERING PLANS. THE DESIGN PROFESSIONAL MUST RECOGNIZE THAT NO DESIGN DETAIL CAN SUBSTITUTE FOR EXPERIENCED ENGINEERING AND PROFESSIONAL JUDGEMENT.**

**DRAWN BY:** Krzysztof Apriasz C. Tech., CPHC

**DATE:** FEBRUARY 26, 2010

**SCALE:** NTS

**FILE NAME:** DELTA-MS1
**TYPICAL DELTA®-MS INSTALLATION DETAIL ON PARGED CONCRETE BLOCK FOUNDATION WALL**

SUBSTANTIAL EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION IN THIS DETAIL DRAWING IS ACCURATE. DÖRKEN SYSTEMS INC. CANNOT ACCEPT RESPONSIBILITY FOR ANY ERRORS OR OVERSIGHTS IN THE USE OF THIS MATERIAL OR IN THE PREPARATION OF ARCHITECTURAL OR ENGINEERING PLANS. THE DESIGN PROFESSIONAL MUST RECOGNIZE THAT NO DESIGN DETAIL CAN SUBSTITUTE FOR EXPERIENCED ENGINEERING AND PROFESSIONAL JUDGEMENT.

**DATE:** FEBRUARY 26, 2010

**FILE NAME:** DELTA-MS2

**DRAWN BY:** Krzysztof Apriasz C. Tech., CPHC

**SCALE:** NTS

**TITLE:**

**DORKEN**

4655 DELTA WAY BEAMSVILLE, ON. L0R 1B4 CANADA

1-888-433-5824 or 1-905-563-3255

- **Concrete foundation wall**
- **DELTA®-MS**
- **www.deltams.com**
- **The Foundation Wrap**
- **Footing**
- **DELTA®-MOLD STRIP**
- **DELTA®-SEALANT** behind the flat tab
- **4" perimeter drainage pipe with min. 6" cover of 3/4" coarse gravel**
- **6" overlap**
- **1/2" bead of DELTA®-SEALANT**
- **Cut membrane on an angle in areas of grade change use DELTA®-MOLD STRIP to terminate**
- **Cut membrane around openings use DELTA®-MOLD STRIP to terminate**
- **6" cover of 3/4" coarse gravel**
- **Cold joint protection (optional)**
- **DELTA®-FOOTING BARRIER (recommended)**
- **Align dimples on DELTA®-"T" FAST'ner with dimples on DELTA®-MS**
- **Visual aid: Diamond shape markings at 6" o/c**
- **24" o/c**
- **6" o/c**
- **1/2" head of DELTA®-SEALANT**
- **12" o/c**
- **12" o/c**
- **6" o/c**
- **8" overlap**
- **1/2" head of DELTA®-SEALANT**
- **4" perimeter drainage pipe with min. 6" cover of 3/4" course gravel**

**NOTE:**

- **Cold joint protection (optional)**
- **DELTA®-FOOTING BARRIER (recommended)**

**REFERENCES:**

- **DELTA®-MS**
- **DELTA®-FAST'ner**
- **DELTA®-SEALANT**
- **DELTA®-MOLD STRIP**
- **DELTA®-FOOTING BARRIER**

**CONTACT:**

DÖRKEN SYSTEMS INC.
4655 DELTA WAY BEAMSVILLE, ON L0R 1B4 CANADA
1-888-433-5824 or 1-905-563-3255
Note:
Only to be used where preserved wood foundation are permitted by the local building code.

Preserved wood foundation wall

Cold joint protection (optional)

DELTA®-FOOTING BARRIER (recommended)

Basement window opening

8" o/c deck screws behind the flat tab

2" DELTA®-FAST™

Min. 3" clearance

4" to 6" 24" o/c

12" o/c

2" DELTA®-MOLD STRIP

DELTA®-SEALANT behind the flat tab

Solid wood blocking where DELTA®-FAST™ are going to be fastened

Pressure treated plywood

Perimeter drain pipe (perforated), covered with coarse gravel (no fines) and geotextile

Pressure treated plywood

PERIMETER DRIP SHEETING

Preserved wood foundation wall

Note:
Only to be used where preserved wood foundation are permitted by the local building code.
**DELTA®-MS**

**The Foundation Wrap**

**Cosella-Dörken Products Inc.**
**Beamsville, On. Canada**

**1-888-4DELTA4**

**4655 DELTA WAY BEAMSVILLE, ON. L0R 1B4 CANADA**

**1-888-433-5824 or 1-905-563-3255**

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**ENGINEERING AND PROFESSIONAL JUDGEMENT.**

**VERTICAL / HORIZONTAL OVERLAPS**

**DRAWN BY:** Krzysztof Apriasz C. Tech., CPHC

**DATE:** February 26, 2010

**SCALE:** NTS

**FILE NAME:** DELTA-MS4
Cut membrane as required and use DELTA®-MOLDSTRIP to terminate. Use 4" dia. drainage pipe with min. 3 4" granular fill.