

## APPLICATIONS

### Foundation walls, inside insulation

Insulating the basement walls on the inside facilitates the completion of the basement by combining insulation with the pouring of the foundation walls.

The insulating panels form a thermal barrier in a perfect contact with the concrete. Moreover, the plastic ties inside the panels ensure the integrity of the final components by providing a rigid surface for the screwing of the drywall.

## USE

Concrete formwork insulating panels are used as foundation insulation in new buildings, also used as concrete wall insulation.

## DIMENSIONS

Insulating panels are 4" thick and are available in varying heights and widths of 2" to 24" for a perfect match with any form.



3 Great Plains Industrial Drive  
Emerald Park Sk S4L 1C6  
phone: 306.757.9433  
[mandoconstruction@sasktel.net](mailto:mandoconstruction@sasktel.net)  
[www.mandoconstruction.ca](http://www.mandoconstruction.ca)



## SPECIALIZING IN

all concrete work basements,  
grade beams, floors, etc.

## INTRODUCING patent pending

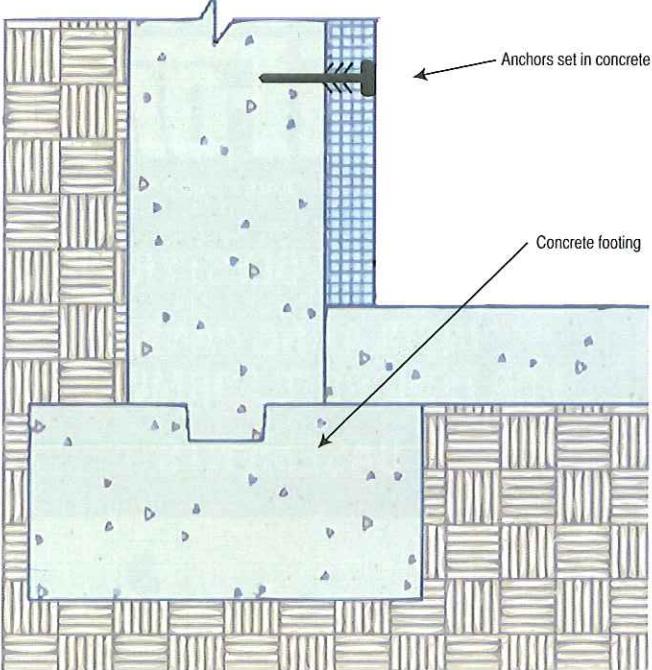
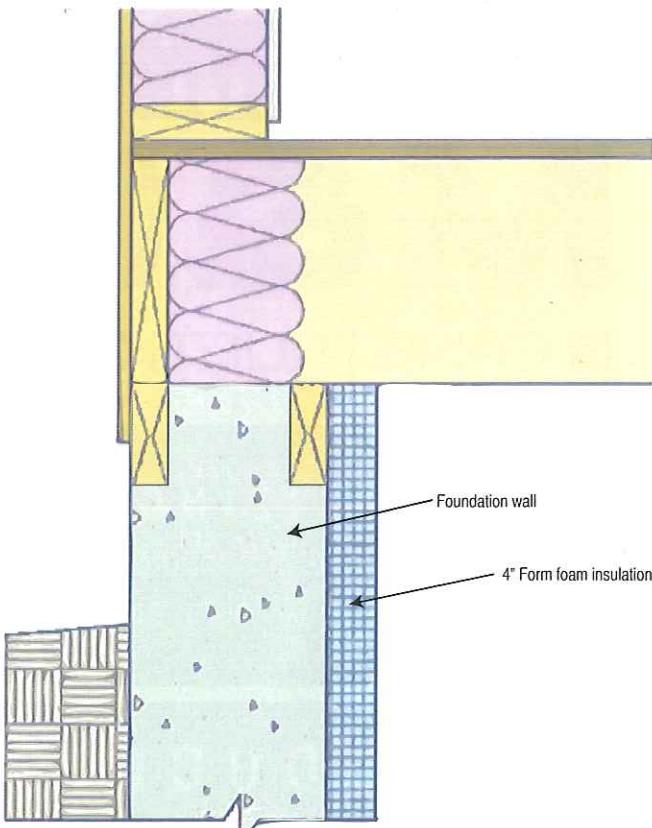
# FORMFOAM

SEE IT. BELIEVE IT. GET A QUOTE!

EXPANDED POLYSTYRENE  
INSULATING PANEL  
FOR CONCRETE FORMWORK  
BASEMENTS



Proud to be a part of the



## ADVANTAGES

Guarantees the ability to address defects in the concrete like rock pockets and holes that you cannot see with ICF.

### Mold control

No air space between the concrete and insulation where warm moist air could infiltrate, condense and grow mold.

### Odour control

It is not conducive to bacterial growth

### Dry and comfortable space

No inside condensation

### Improvement of air quality

No harmful gas emissions

### Higher energy efficiency

Energy savings of up to 1/3 of the cost of heating and air conditioning

### Stability

No ozone layer depleting substances

### Strength

Composed of solid and anchored plastic ties through the formwork and provides a solid substrate to anchor finishing

### Quickness

Combines casting concrete and insulation into a single step

### Durability

Preserves its insulating properties for life

## DESCRIPTION

Concrete formwork insulating panels are made of rigid and closed plastic cells which ensure an optimal thermal performance and an excellent water resistance.

Placed in the formwork before the casting of the concrete, the panels ensure dryness, without unpleasant molds and odors. The elimination of the airspace between the concrete and insulation prevents warm moist air from infiltrating, condensing and creating mold.

## PHYSICAL PROPERTIES

### Property

Thermal Resistance, min (R factor for 8" concrete, insulation, gypsum)

4"

17.79

Dimensional Stability, max (%)

2.0

Flexural Strength, min (PSI)

40.0

Water Absorption, max (% by volume)

3.0

Compressive Resistance, min (PSI, at Yield or 10% Deformation)

15.0

iOxygen Index, min (%)

24.0

8' Wall

5 Anchors per every 2'

9' Wall

6 Anchors per every 2'