

# HYDRAPREST SIDEWALK BLOCK SPECIFICATION

## Part 1 - General

Westcon Hydraprest paving slabs are available in 17 3/4" x 17 3/4" (22kg), 24" x 24" (40kg) and 24" x 30" (50kg) and 1 7/8" thick.

Hydraprest paving slabs have 1/4" chamfer on the top edge.

Standard finish with 3/16" perforated metal screen.

## Part 2 - Material

Materials shall conform to ASTM specification:

2.1 Cement - C150.

2.2 Aggregate - C33 - except the normal grading limits do not necessarily apply.

2.3 Other constituents - coloring pigments or other ingredients shall be shown by test or experience not to be detrimental to concrete.

## Part 3 - Physical Requirements

3.1 Compressive strength - average not less than 8000 psi per ASTM C-140

3.2 Water Absorption - the average of test samples shall not exceed 5% per ASTM C-140

3.3 Freeze thaw - less than 1% loss of dry weight per ASTM C-67

3.4 Flexural strength - as per CSA 231.1 strength Hydraprest shall support 1250lbs for each foot width.

3.5 Dimensions - the length and width will not differ by more than 1/16" from approved dimension.

The Thickness will not differ more than 1/8" from the approved dimension.

## Part 4 - Visual Inspection

4.1 All Hydra Prest paving slabs shall be free of defects that would interfere with the proper performance of the slab. Minor defects incidental to the unusual method of manufacture or slight chipping resulting from customary methods of handling in shipment and delivery, shall be acceptable.

4.2 Some variation in color can be expected and this variation shall not be deemed grounds for rejection.

## Part 5 - Installation

5.1 On grade installation

.1 Place 1" of coarse sand over prepared base.

.2 Place the paving slabs in approved pattern with hand tight joints and a uniform top surface.

.3 Hand tamp the slabs into place to ensure uniform bedding over the entire surface.

5.2 Roof or deck installation.

.1 Place paving slabs on pedestals to the specified line and grade.

.2 Cut when necessary.



### Head Office:

19 Riel Drive  
St. Albert, Alberta  
T8N 3Z2  
p. (780) 459.6695

### Calgary Office:

4412 - 54 Avenue S.W.  
Calgary, Alberta  
T2C 2B9  
p. (403) 279.2534