

# CORETEX XP

## XP TECHNOLOGY CORE WATERPROOFING GEOTEXTILE

### DESCRIPTION

CORETEX XP is a unique low permeable, hydrophilic waterproofing product that utilizes an XP Technology Core that is less permeable and more chemically resistant than traditional active waterproofing membranes.

CORETEX XP works by forming a low permeable membrane upon contact with water. When hydrated, unconfined CORETEX XP can swell many times its dry volume. When confined under pressure from backfill or concrete, the swell is controlled, forming a dense, impervious waterproofing material. The swelling action of the CORETEX XP can self-seal small punctures and cuts in the product resulting from installation activity.

CORETEX XP weighs less than half that of other membranes allowing quick and easy installation. CORETEX XP contains zero VOC,

can be installed in almost any weather condition to green concrete.

### APPLICATIONS

CORETEX XP is designed primarily for use as a detailing product for COREFLEX XP and ULTRASEAL XP waterproofing membrane system applications. It is also used in conjunction with conventional thermoplastic sheet waterproofing membranes to provide a means of self-sealing in the event that the thermoplastic waterproofing membrane is punctured or otherwise compromised. Typical applications include tunnels, under slabs, plaza decks, backfilled walls, and property line construction.

### INSTALLATION

General: Concrete surfaces should be clean and properly prepared to receive waterproofing. Install CORETEX XP as per detail require-

ments with all adjacent roll edges overlapped a minimum 100 mm. With ULTRASEAL XP system applications, CORETEX XP is typically secured into place with washer-head mechanical fasteners maximum 600 mm on centre. When used in conjunction with the COREFLEX XP thermoplastic membrane waterproofing, Coretex XP is typically secured with CETSEAL or other CETCO approved adhesive.

### PACKAGING

CORETEX XP is available in 1.55 m x 6.45 m rolls.

### LIMITATIONS

CORETEX XP is a detailing product used in conjunction with a primary waterproofing material course. CORETEX XP is not intended to be used as a primary waterproofing course.

TYPICAL PROPERTIES		
PROPERTY	TEST STANDARD	TYPICAL VALUE
Permeability	ASTM D5887 (mod)	5 x 10 <sup>-10</sup> cm/s
Thickness		2.3 mm
Roll width		1.55 m
Roll length		6.45 m