



# ULTRASEAL CEM

## Cold Applied Elastomeric Membrane

### PRODUCT DATA INFORMATION

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**DESCRIPTION:**

ULTRASEAL CEM is a solvent based, cold-applied single component polymer-modified bitumen. It is composed of synthetic rubbers, carefully selected compatible bitumen, inert mineral fillers and solvents. The dried film cures to a tough, flexible, highly elastomeric waterproof coating.

**USES:**

ULTRASEAL CEM is primarily used as a waterproofing and roofing membrane. A very effective protection coating on concrete, metal and wood surfaces above and below grade. It is highly resistant to the penetration of moisture, and has excellent resistance to most acids, alkali and salts. ULTRASEAL CEM is also very resistant to thermal shock.

**APPLICATION:**

Concrete surfaces must be cured for a minimum of 14 days. All surfaces must be dry, clean and free from oil, grease, laitance, dust and release agents. If the surface is porous, a bitumen primer is required.

ULTRASEAL CEM is applied by brush, roller trowel or squeegee, depending on membrane thickness requirements. A minimum of 2 mm thick coating is required to obtain adequate protection against moisture infiltration.

Membrane thickness above 2 mm shall be achieved by a two-coat application. Apply second coat after first coat is completely cured. A two-coat system is recommended when optimum protection against moisture infiltration is required.

**APPLICATION RATES:**

<u>Quantity</u>	<u>Coverage</u>	<u>Membrane Thickness</u>
2 liters	1 sq. m.	2 mm
2.5 liters	1 sq. m.	2.5 mm
3.0 liters	1 sq. m.	3.0 mm

**PACKAGING:**

20 liter pail. / 205 liter drum.

**CAUTION:**

Contains flammable solvent, DO NOT use near open flame. Keep container closed when not in use.

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**PHYSICAL PROPERTIES:**

<u>Cured Film 2.0 mm Thick</u>	<u>Test Method</u>	<u>Typical Results</u>
Hardness, Shore A.	ASTM-D-2240	55
Elongation	ASTM-D-412	700%
Tensile Strength	ASTM-D-412	400 PSI
Moisture Vapor Transmission	ASTM-D-1653	0.03
Solids Content		65%

Cure Time 24-48 hrs. @ 25°C (77° F) – 50% Relative Humidity

*The physical and chemical properties are typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.*

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**Disclaimer** Ultraseal Waterproofing and Sealant Technologies Inc. believes that the information contained herein is an accurate description of and uses of the product, but it is the buyers and users responsibility to determine and thoroughly confirm fitness and compatibility for use and to determine performance, efficacy, and safety.

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