



# Technical Data

## VBC-90W (18 mil) Wet Curing Blanket

DIVISION: 07260, 03300

### 1.0 PRODUCT NAME

VBC-90W (18 mil) Wet Curing Blanket

### 2.0 MANUFACTURER

Inteplast Group  
9 Peach Tree Hill Road  
Livingston, NJ 07039

Technical Assistance  
Tel: (877) 535-0555  
Fax: (800) 709-6002

### 3.0 PRODUCT DESCRIPTION

Uses: VBC-90W (18 mil) Wet Curing Blanket is specifically designed to be hydrated and to inhibit moisture loss during the curing process of concrete. It is recommended to cover fresh concrete with VBC-90W (18 mil) Wet Curing Blanket as soon as the concrete is poured. The white color of the film and geotextile will effectively reflect sunlight and significantly reduce heating of the concrete surface caused by sunlight in hot weather conditions.

VBC-90W (18 mil) Wet Curing Blanket is recommended for both interior and exterior uses and can be installed immediately after completion of concrete pour. VBC-90W (18 mil) Wet Curing Blanket is easy to install and to remove after the concrete has been cured.

VBC-90W (18 mil) Wet Curing Blanket meets or exceeds AASHTO M-171 and ASTM C-171 “Standard Specification for Sheet Materials for Curing Concrete” for moisture retention and daylight reflection.

### 3.1 COMPOSITION

VBC-90W (18 mil) Wet Curing Blanket is a multi-ply, textural membrane laminated with a non-woven geotextile. The composite is tough, durable and can withstand harsh construction environments. The geotextile fibers can maintain moisture and prevent water loss during the curing process.

### 3.2 SIZE & PACKAGING

VBC-90W (18 mil) Wet Curing Blanket is rolled on a heavy-duty cardboard core for ease of handling and installation.

VBC-90W (18 mil) Wet Curing Blanket is available in a standard size of 6 ft × 150 ft roll (900 ft<sup>2</sup>) and weighs approximately 45 lbs. per roll.

Other sizes of VBC-90W (18 mil) Wet Curing Blanket are available upon request.

### 4.0 TECHNICAL DATA

See Table 1.

Table 1: Physical Properties of VBC-90W (18 mil) Wet Curing Blanket

Unit Weight	GSM	Internal	—	245 gsm
Thickness	Nominal	Internal	—	18 mil
Tensile Strength	lbs / in	ASTM D 882	MD	37.3
			TD	32.0
Elongation @ ULT	%	ASTM D 882	MD	51.0
			TD	65.3
Dart Impact	grams	ASTM D 1709	Method A	>1070
Elmendorf Tear	grams	ASTM D 1922	MD	5,260
			TD	5,140
Puncture-Prop. Tear Sled:1-lb	grams	ASTM D 2582	MD	11,290
			TD	13,150
Reflectance		ASTM E 1347	—	72%
Water Loss	per 72 hrs	ASTM C 156	—	0.1 g/m <sup>2</sup>



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### 5.0 INSTALLATION

- Pre-wet concrete as required. Use care to prevent erosion of the surface.
- Apply **VBC-90 (18 mil) Wet Curing Blanket** after placing and finishing the concrete without marring the surface.
- Soak the geotextile side of the **VBC-90W (18 mil) Wet Curing Blanket** thoroughly.
- Place **VBC-90W (18 mil) Wet Curing Blanket** with the white cross-laminated film side up and the white geotextile side in contact with the concrete surface.
- Re-wet **VBC-90W (18 mil) Wet Curing Blanket** during the curing process depending upon weather conditions and specification requirements.
- Overlap **VBC-90W (18 mil) Wet Curing Blanket** by approximately 6" and weigh down edges to avoid wind damage and to seal in moisture.
- All concrete surfaces and forms should be covered and kept wet during the curing process.
- Keep **VBC-90W (18 mil) Wet Curing Blanket** in contact with the entire concrete surface at all times during the curing process.
- Care should be taken so the concrete is not stained by impurities in the water or by soiled blankets.

Please review your wet curing requirements for specified methods and length of time required for curing. The above installation is just a suggestion and concrete normally needs at least 7 days of continuous wet curing.

### 6.0 AVAILABILITY & COST

**VBC-90W (18 mil) Wet Curing Blanket** is available nationally through our network of building supply companies. Please contact our corporate office for a distributor in your area. Pricing can be obtained by contacting your local **VBC-90W (18 mil) Wet Curing Blanket** distributors or sales representatives.

### 7.0 WARRANTY

We warrant and guarantee our specifications as published. Published test results are based upon accepted industry practices as well as the test methods called for and listed on our test documents. We believe, to the best of our knowledge, that our published results are accurate and reliable and that they represent our wet curing blanket. *Inteplast Group* cannot control site conditions and improper installation practices. Therefore, no warranty, expressed or implied, is given, including those of merchantability, fitness for a particular purpose or any other matter with respect to the product.

### 8.0 MAINTENANCE

No maintenance is required.

### 9.0 TECHNICAL SERVICES

Technical services for all of our products can be obtained by calling our corporate office.

Corporate Office:  
(877) 535-0555

### 10.0 FILING SYSTEMS

**Barrier-Bac** brochures are available from **Barrier-Bac** distributors, sales representatives, *Inteplast Group*, and on our web site: [www.BarrierBac.com](http://www.BarrierBac.com)



## INTEPLAST GROUP

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