

Physical Properties

Application Outside Temperature 10.4°F min.	Maximum VOC 380 g/l	Shore A Hardness 35
Color Black	Recovery 95%	Solids By Weight 60%
Elongation (ASTM D412) 1500%	Service Temperature -40°F to 185°F	Water Vapor Permeance @ 2.25 mm (90 mils) 2.9 ng/Pa.m2.s (0.05 perms)
Flammability Wet - Flammable, Dry - Burns	Setting Time @ 45% R.H. 77°F Initial Set 8 hrs., Set through 24 hrs.	Weight Per Gallon 7.5 - 7.9 lbs/gal

Description

HE77006 - AQUA-BLOC® SB is a one-component elastomeric waterproofing compound designed to replace conventional hot mop felt ply and/or pre-formed sheeting systems. It is applied in a single application, which cures through solvent evaporation to provide a heavy-duty "seamless" rubber-like, impervious membrane.

Features:

- Seamless rubberized asphalt membrane
- Excellent adhesion to most construction surfaces such as concrete, stone, wood, cement and metal
- Retains flexibility over wide temperature range
- Cold applied - requires no special equipment, such as kettles
- Resistant to mild acid, alkalis, salt and calcium chloride solutions
- Easily transported to small or "hard to get at" applications

Usage

HE77006 - AQUA-BLOC® SB may be used for above, on, and below grade installation for waterproofing parking decks, tunnels, planters, mechanical rooms, reflective pools and foundation walls. Excellent compound to repair hot rubberized asphalt membranes such as **790-11**.

Limitations: Not designed to perform as a permanently exposed surface. Must be protected from damage during construction.

Solvent in **HE77006 - AQUA-BLOC® SB** attacks polystyrene insulation. Curing of the membrane should take place before polystyrene insulation is in direct contact. Do not use in potable water installations.

Coverage

6 gallons per 100 sq.ft. for 90 mils

Surface Preparation

All surfaces must be sound, dry and free from grease, dirt or other contaminants and must be reasonably smooth. Allow a minimum of fourteen days curing time on all new concrete. Prior to application, the deck should be blown with compressed air, vacuumed or thoroughly swept with a soft bristle broom. Curing compounds must be removed prior to application of membrane. Joints, cracks and wall junctions require preparation. Refer to Guide Specification.

Application

For detailed application, see Guide Specification. Condition materials at room temperature prior to application. Apply material with a trowel, long-handle squeegee or suitable spray equipment to a minimum thickness of 2.25 mm (90 mils). In direct sunlight, membrane may develop blisters on precast and cast-in-place concrete due to the expansion of air in voids. This can be overcome by applying 2 layers of **HE77006 - AQUA-BLOC® SB** reinforced between layers with Polyester Fabric.

Protection of Membrane:

Both horizontal and vertical areas should be adequately protected from puncture where there is any danger of damage occurring to the membrane during construction, and the form of protection will vary with job conditions. **Asphalt Protection Board** or **990-31 Protection Board** should be used as protection. Work only off boards previously placed. The protection may be placed anytime after the membrane material has attained its initial set. Protection layer may be adhered using **Henry 111 InsulBond**.

Insulation board may be adequate as protection. After **HE77006 - AQUA-BLOC® SB** membrane has been allowed to cure, polystyrene insulation can be adhered to the membrane on horizontal surfaces using **Henry 111 InsulBond**.

Cleanup

Clean up with mineral spirits.

Caution

CAUTION! COMBUSTIBLE! DO NOT THIN. Contains petroleum distillate. Keep away from heat and flame. Do not heat container or store at temperatures greater than 120°F. CLOSE AIR INTAKES until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after each use. **DANGER! HARMFUL OR FATAL IF SWALLOWED!** If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY! Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION! **USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches or dizziness, leave area or increase fresh air or wear respirator (NIOSH/MSHA TC 23C or equal). Repeated and prolonged occupational exposure to solvent vapor can result in permanent brain and nervous system damage, and may cause liver or kidney damage.

KEEP OUT OF REACH OF CHILDREN!

Product Sizes

5 GAL/18.93 L (50 lb)

Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**