PRODUCT DATA

W. R. MEADOWS
SEALTIGHT

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PROTECTION COURSE

Waterproofing Protection

TECHNICAL DESCRIPTION

SEALTIGHT PROTECTION COURSE is a multi-ply semi-rigid core composed of a mineral-fortified asphaltic core formed between two outside layers of asphalt-impregnated reinforced mats, manufactured in accordance with ASTM D 6506.

When properly applied by personnel trained in good waterproofing techniques, SEALTIGHT PROTECTION COURSE will absorb the impact of aggregate shock and normal jobsite foot traffic. It also protects the membrane waterproofing from penetration by sharp aggregate during backfilling and later settlement. SEALTIGHT PROTECTION COURSE is available in three types; PC-1, Light Duty; PC-2, Standard Duty and PC-3, Heavy Duty. All three types are economical and convenient to use.

USES

SEALTIGHT PROTECTION COURSE is used in between-slab construction, such as plaza decks, roof terraces, promenade decks, pedestrian concourses, tunnels, floors of bathrooms, showers, kitchens and mechanical rooms, parking garage decks, planter boxes, reflective pools and foundation walls. SEALTIGHT PROTECTION COURSE is compatible with most currently popular dampproofing and waterproofing materials.

FEATURES AND BENEFITS

- Tough, durable and lightweight...panels are easily handled, quickly installed
- Full width fiberglass matting improves flexural strength
- Highly resistant to chemical action
- Performance is equally effective in above or below-grade installations
- Unique dual-facing offers compatibility with most currently popular waterproofing materials
- Economical and convenient to use

PACKAGING

4’ X 8’ (1.22m X 2.44m) panels

PHYSICAL PROPERTIES AND TEST RESULTS

ASTM D 6506
PROTECTION BOARD REQUIREMENTS

	TYPE 1	TYPE 2	TYPE 3
Puncture Strength *(Classes A & B)*	222 N (50 1bf) minimum	312 N (70 1bf) minimum	365 N (82 1bf) minimum
Thickness *(Classes A & B)*	1.3 to 1.8mm (0.050 to 0.070in.)	2.4 to 3.9mm (0.095 to 0.155in.)	5.6 to 7.1mm (0.220 to 0.280in.)
Water Absorption *(Classes A & B)*	10.0% maximum	10.0% maximum	10.0% maximum
Asphalt, % by weight *(Class A)*	65% minimum	65% minimum	65% minimum
Asphalt, % by weight *(Class B)*	40% minimum	40% minimum	40% minimum
Resistance to Decay *(Classes A & B)*	Meets puncture requirements after completion of test	Meets puncture requirements after completion of test	Meets puncture requirements after completion of test

COVERAGE

TYPE	THICKNESS*	WIDTH	LENGTH
PC-1 LIGHT DUTY	62.5 mil-1/16” (1.59mm)	4’ (1.22m)	8’ (2.44m)
PC-2 STANDARD DUTY	125 mil-1/8” (3.18mm)	4’ (1.22m)	8’ (2.44m)
PC-3 HEAVY DUTY	250 mil-1/4” (6.35mm)	4’ (1.22m)	8’ (2.44m)

*NOMINAL

CONTINUED ON REVERSE SIDE

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APPLICATION

NOTE: Prior to application, consult the waterproofing manufacturer to determine whether the polyethylene film facing on one side, or the asphalt-impregnated reinforced mat on the other side of SEALTIGHT PROTECTION COURSE is approved as "compatible" to the specific waterproofing product being protected.

SEALTIGHT PROTECTION COURSE is installed to form a continuous protective layer over the membrane waterproofing. The sheets can be easily cut with a roofer's knife for fitting at protrusions.

Surface condition…The waterproofing membrane must be free of sharp projections, dirt and dust. If water testing is desired, it should be made prior to placing the protection course. Note: PROTECTION COURSE should be applied at the end of each day's waterproofing to both horizontal and vertical surfaces.

Horizontal Surfaces…PROTECTION COURSE should be installed over the waterproofing membrane as soon as permissible by the membrane applicator or manufacturer. PROTECTION COURSE sheets should be butted together and cut to fit all intersecting surfaces and protrusions. If desired, joints may be covered with SEALTIGHT Detail Strip or roofer's glass reinforced tape embedded in hot asphalt as a secondary waterproofing system. (see point 2 under Precautions).

Vertical Surfaces…For dampproofed and/or waterproofed vertical walls to receive backfill, the PROTECTION COURSE should be butt jointed and, if necessary, temporarily held in place while backfilling.

Backfilling…Backfilling against vertical walls should be done immediately using care and caution to avoid damaging the waterproofing application. Backfill material should not be dropped against the PROTECTION COURSE in such a manner that it could drag the sheet down as the backfill drops. For horizontal applications, the waterproofing and PROTECTION COURSE should be installed just prior to the installation of the wearing surface.

APPLICATION TOOLS


Trowel


Roofer's knife

LIMITATIONS/PRECAUTIONS

1. Where PROTECTION COURSE is adhered to waterproofing membrane, use the adhesive recommended by the membrane manufacturer.

2. Where taped joints are desired with tape set in hot asphalt, consult membrane manufacturer.

3. PROTECTION COURSE is shipped on pallets with the polyethylene anti-stick sheet on the top or exposed side. PROTECTION COURSE should be stored on the pallets and placed on a level surface.

4. CAUTION...Do not apply the Protection Course over Liquid Waterproofing Membranes containing volatile solvents until all of the solvent has evaporated. Consult membrane manufacturer for specific application details prior to placing the Protection Course. Read and follow application information and precautions. Refer to Material Safety Data Sheet for complete Health and Safety Information.

FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE: www.wrmeadows.com

LIMITED WARRANTY

"W.R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order". Read complete warranty. Copy furnished upon request.

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