



## DuraSeam™ Instructions

### Overview:

DuraSeam™ Base Coat, (a.k.a. Dura Primer) is the universal primer, sealer, and waterproofer. It may be applied directly to any clean, sound, substrate including metal, concrete, wood, linoleum, painted surfaces, asphalt, and many other materials.

Once applied, DuraSeam™ Readies the substrate for adhesion to any polymer modified overlay system, with little to no grinding or shot blasting.

It is fast becoming the industry standard for surface prep.

DuraSeam™ integrates and attaches seamlessly with itself, specialty concretes, and sealers. It moves, bends and breathes to make substrate and overlay system act as one.

DuraSeam™ Is also the only complete underlayment and waterproofing membrane system specified for the concrete overlay industry. The liquid-applied, seamless, flexible membrane, assures substrate cracks will no longer telegraph through to the surface. This minimizes costly customer callbacks.

The membrane system is the ideal way to prepare a plywood floor, indoors or out, to receive a concrete pour or overlay coating with minimum preparation.

### Application as a stand-alone primer:

DuraSeam™ is brushed rolled or sprayed in one thin coat over any clean, sound and properly prepared substrate Simply apply evenly, without allowing it to puddle.

Typical cure time before skim coat is 12 hours. Keep open container out of direct sunlight. Product will dry faster on hot days and may be thinned slightly with water if needed. Product will not cure during high humidity. Cleanup before product dries with water. After curing, product is waterproof and may only be mechanically removed, if at all.

### To prepare a substrate:

Mop, wire brush or pressure-wash the surface to remove dirt, grease, wax and loose particles. Typical cleaners include" Simple Green" or TSP



Linoleum, ceramic tile, VCT, or VAT or epoxy decks should first be wiped down with rubbing alcohol or acetone before applying “Dura Primer” You can also lightly sand and/or then wipe clean with MEK or Acetone

EPDM materials less than five years old should be primed or cleaned with an EPDM wash. When needed, first apply a “Vapor bloc” primer, then apply DuraSeam™ over that prior to applying the overlay coating.

**Note:** Always apply any primer on a slab at grade late in the day to mitigate pin holes caused by out-gassing “blow off” of the primer.

#### Cracks and Flashings:

Prepare all cracks patches and low spots using SSM products and specifications. Cracks ¼” and wider should be cleaned, then filled with Dura Putty™\* No “V” routing or grinding is necessary. Narrower cracks may be ignored altogether. Repaired cracks, floor to wall transitions, seams, protrusions etc. should be flashed with our membrane system.

To bandage these small areas, pre-cut the fabric to size and apply in the same manner as described for deck membrane system\*\* applications in this document.

Once the above preparations are completed and the Dura Primer is applied, these surfaces are now ready for adhesion to any polymer modified cementitious overlay or any acrylic, urethane or epoxy coating.

#### Dura Primer will NOT adhere to :

Silicone sealed concrete, PVC, TPO roofing, or Polyspartics. These surfaces can be cleaned, etched, primed or lightly sanded, then wiped down with MEK to increase adhesion.

#### \*\*Application: As a complete Deck membrane system

Apply foundation coat of DuraSeam™ Base Coat using spray, brush or ½” roller, to an area no wider than the fabric, leaving an

extra length of approximately two feet of fabric.

Apply enough product so that it penetrates and primes the substrate leaving a slight puddle.



Unroll Polytex fabric 2-3 feet into the wet area. Working from the center out to the edges, use hands, brush or roller to smooth it out, forcing the base coat to come up through the material. Leave no wrinkles or air pockets. Apply a second coat on top of the fabric, and roll flat until no white fabric is visible. Adjacent fabric overlaps should be approx. 2-3”.

Coverage as a Primer:

“Dura Primer” for adhesion to overlay systems, coverage is typically between 250-350 sq. ft.

Coverage when used as an underlayment membrane:

Typically 40 square feet per gallon at when used with the fabric layer..

Coverage when used as a stand alone waterproofing membrane.

Apply an additional topcoat of DuraSeam™ to use it as an ideal stand-alone waterproofing system for decks and roofs. An additional one Gallon per sq. is typical for this application.

Notes:

DuraSeam™ is designed for Positive side waterproofing only. In cases of excessive moisture, out-gassing or negative hydrostatic pressure, apply your vapor block primer, then topcoat with DuraSeam™.

With “Dura Primer” it is no longer necessary to apply a water mist or bonding agent the substrate prior to applying your overlay materials. Once cured, you can apply your overlay or coatings to “Dura Primer” at any time in the future as long as the surface is clean