



**DURA SHIELD 8000**



Save \$\$\$\$! Don't replace! Re-Coat with . . .

# DURA SHIELD 8000



*This owner saved over \$20,000 by re-coating instead of re-roofing!*

### Saving Money!

As the manager or owner of commercial property, you have many responsibilities and decisions to make when it comes to the maintenance of your building. Most often, the over-riding factor will be the financial feasibility of certain projects. An important investment like a roof is one such project. In the picture on the cover and to the left the owner of an office building in downtown Casper, Wyoming was faced with just such a decision. The building had an existing TPO membrane on the roof with several leaks in various places. A total roof replacement was one consideration, but upon close examination with his contractor, it was decided that the life of the existing roof might be extended if they could find a

high quality coating that would do the job. They discovered Texas Refinery's elastomeric coating, DURA SHIELD 8000, to be a premium coating. It would offer not only solar reflectivity, but would also seal leaks and extend the life of the existing roof for many years to come. As a result, the customer was able to save over \$20,000 by re-coating the roof instead of replacing it.

### DURA SHIELD 8000 Stops Leaks!

After application of this new elastomeric coating, the owner and contractor returned to the roof for a final inspection. "Where were the leaks? Do you remember where the holes were?" asked the owner. The contractor smiled and said, "I don't know, we can't find them!" The Dura Shield 8000 with its enhance waterproofing performance had provided a complete flexible membrane to seal the leaks.

### What is DURA SHIELD 8000?

Dura Shield 8000 is an elastomeric copolymer liquid rubber coating that has been modified for excellent elongation, so it stretches like crazy! This is important if the surface it is being applied to is subject to movement. How much elongation will Dura Shield 8000 tolerate? Try 500%! That is substantial when you're needing a coating that can give and take with the movement of a substrate.

### Typical Applications

This elastomeric coating is extremely effective on a variety of surfaces including metal, EPDM, wood, and TPO. It can be applied with a sprayer, roller, or brush. The ambient temperature should be above 50 degrees with weather forecasts calling for no rain within 24 hours.

### Around Parapet Walls

When water has compromised what appears to be a water-tight roof, the culprit may be an adjoining vertical surface or parapet wall. Since some contractors do not run flashing over 12" up a vertical wall, this may leave a bare concrete wall vulnerable to water. This is where DURA SHIELD 8000 can be the solution. DURA SHIELD 8000 adheres very well to concrete or masonry walls and can prevent the entry of moisture. Coverage rates may vary depending on the type of masonry to be coated.



**DURA SHIELD 8000 adheres well to masonry.**

### Coverage Rates:

The average coverage rate for DURA SHIELD 8000 can vary depending on the type of surface it is being applied to. Obviously, a more porous surface such as masonry will require more coating than metal or TPO, however in general the coverage rate is normally between 80 -100 sq. ft. per gallon. Two coats may be required.

### Note:

DURA SHIELD 8000 is a solvent based product and will attack asphalt substrates and flashings, so use with this type of material should be limited. A small test patch should be applied to determine suitability. If you would like more information on this or any Texas Refinery Coating, please contact your local TRC Rep or you may contact our home offices using information on the back of this brochure.

*Also, available in these colors*



# Application Instructions

**IMPORTANT: DO NOT APPLY WHEN RAIN OR FROST IS FORECAST WITHIN 24 HOURS AFTER APPLICATION!**

- APPLICATION TEMPERATURE:** 50 degrees F. or above
- APPLICATION METHOD:** May be applied using a brush, roller, or spray equipment.
- SURFACE PREPARATION:** Substrate must be clean and dry, free of all dirt, oil, grease, or foreign contaminants. Wire brush any loose material such as scaly rust from metal surfaces. Precautions should be taken when coating surfaces with insulation boards such as EPS to determine that the coating will not affect the underlying insulation. When underlying insulation is unknown, a suitable test patch can be applied to determine suitability.
- CURING TIME:** Allow for adequate drying time between coats and before inclement weather or rain. High humidity or lower temperatures will slow the drying time. Do not apply material when temperature is below 40 degrees F.
- CLEANUP:** Immediately clean tools and equipment with a mild solvent such as mineral spirits or paint thinner.
- RUBBER SURFACES:** One thin layer of Dura Shield 8000 will seal small cuts or holes in EPDM. For large gapping holes or cuts, a piece of reinforcing membrane may be used with this coating to provide a water-proof seal. **CAUTION:** Too much Dura Shield will cause rubber to rumple or bubble, but after a 24 hour period, the rubber will relax.
- METAL ROOFS:** Inspect and tighten any loose fasteners. Make sure all seams are secure. New galvanized metal should be allowed to weather for at least 9 months before coating. Apply to clean dry metal at a rate of 100 sq ft per gallon. For best results or if metal has been primed with Quick-Dry Anti-Oxidene Coating, a second coat may be needed. Allow sufficient time for first coat to cure before applying second coat.

## SPECIFICATIONS

### DURA SHIELD 8000

*(Replaces White Elastomeric Roof Coating)*

Product Code #3047-55

**DESCRIPTION:** Texas Refinery Corp's Dura Shield 8000 is a copolymer liquid coating which provides excellent adhesion and flexibility. It is designed to withstand extreme movement displayed by various surfaces and has excellent weathering and UV stability.

#### PHYSICAL PROPERTIES:

Total solids, % by Wt.	60% (+,-3)
Specific Gravity	1.18
Flash Point, PMCC	98°F
Brookfield Viscosity at 77°F., #5 Spindle at 20 rpm, cps.	7,500
Drying Time - To Touch	approx. 2.5 hours
Drying Time	24 hours
Dry Mil Thickness 1 gal./100 sq. ft.	16 mils per coat
Wt. per Gallon	9.85
Application Temperature:	50°F and above

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS)

\*This Product Cannot Be Sold In California



*Protective Coatings Division*

**TEXAS REFINERY CORP.**

Fort Worth, Texas • Moose Jaw, Sask. • Toronto, Ontario

**Toll Free: 1-800-827-0711 • Toll Free Fax: 1-877-540-7464**

**E-mail: [pcsales@texasrefinery.com](mailto:pcsales@texasrefinery.com)**

**Web: [www.texasrefinery.com](http://www.texasrefinery.com)**

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