

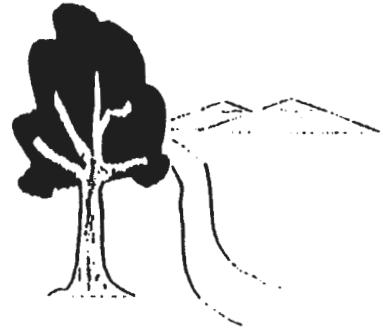
START

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Westinghouse
Hanford Company

P.O. Box 1970
Richland, Washington 99352



Environmental Division

Date: 6/18/92

DAN DUNCAN/

To: CATNY MASSIMINO

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This Fax Consists of 2 pages including cover sheet.

Message: ATTACHED IS THE "LAB REPORT" CLIFF

WAS READING FROM IN THE TELECON. ON

JUNE 15, 1992. I WILL TRY TO GET A BETTER

COPY. - STEVE



93129352184

LAB REPORT



Seaman Corporation

INDUSTRIAL FABRIC DIVISION
Research and Development Dept.
1000 Venture Blvd., Wooster, OH 44691
Phone 216/262-1111

DATE: October 28, 1991

SUBJECT: Long-Term Weathering of 8130 XR-5® Geomembrane

The following collective data on 8130 XR-5® geomembrane gives a varied look at long-term weathering from artificial to natural environment.

ATLAS CARBON ARC. Method 5804. Federal Standard No. 191.

10,722 hours of continuous exposure of heat, water spray and light, using a universal cam for rubber, paint and the textile industry.

XENON C165 WEATHER-O-METER. ASTM D-2565.

12,000 plus hours of continuous exposure using a 6500/3500 watt Xenon burner tube with borosilicate filters with little to no effect. Continuing exposure to total failure.

NATURAL ENVIRONMENT

15 years as a pond liner in Ohio Agricultural and Research & Development Center, Wooster, Ohio. Still in service.

12 years as a holding basin at a large oil company in the Texas desert. Still in service.

10 years as a floating cover for a potato processing plant in Northern France which produces a biogas mixture of 50-55% methane. Still in service.

7-1/2 years on outdoor weather rack in Sarasota, Florida, with little effect on fabric. 8130 XR-5® fabric has retained 100% of tensile strength.

Frank Bradenburg
Manager of Research & Development

Original: Felon Wilson/Kent Sogge
cc: file/lab/Priscilla/Ken Chaloupek

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*** ACTIVITY REPORT ***

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