

REPORT #4033

DATE: May 14, 1996
FROM: Luis Calvo, Technical Director
SUBJECT: Accelerated Weathering of VITRITURF BINDER

INTRODUCTION

Accelerated weathering tests were conducted on samples prepared with VITRITURF BINDER and EPDM granules 1-3mm. After a proper cure, usually 7 days at room temperature, these samples were placed in a QUV as per ASTM G-53-88, 4 hours of UV at 60 C and 4 hours of condensation at 50 C. The lamp used was a B-313 lamp.

RESULTS AND DISCUSSIONS

<u>VITRITURF BINDER</u>	<u>EXPOSURE TIME, HRS.</u>	<u>SAMPLE CONDITION</u>
Winter Grade	5,210	Very Good-Color Change
Summer Grade	5,320	Very Good-Color Change
Aliphatic	5,500	Very Good-No Color Change

CONCLUSION

These accelerated weathering results show respectable outdoor resistance to weathering.