

ABRASION TEST

Greenstreak conducted tests to determine the abrasion resistance of the G-SEAL material. The goal of the abrasion test was to indicate the ability of G-SEAL to withstand vehicular and pedestrian traffic. A Taber abrasion apparatus (shown below) was used to subject G-SEAL material to controlled abrasion. This apparatus applies a load through two abrasive wheels to a disk shaped, rotating specimen. Weight of the specimen was measured before and after the test.

TEST PARAMETERS:

- 10,500 cycles (rotations)
- 1,000 gram weight
- H-22 (very coarse) abrasive wheel
- 70°F

DATA:

- Initial weight = 27.46 grams
- Final weight = 27.20 grams
- Total weight loss = 0.26 grams

RESULTS:

- Weight Loss = 0.26 gram or
0.95%



CONCLUSION: The result of the abrasion test on G-SEAL material was compared to the result of testing on Greenstreak's WESTEC TPER material. TPER material has a successful service history in similar applications involving harsh chemicals and a favorable comparison between the two materials would validate the use of G-SEAL in less severe applications. Based on this comparison, it was concluded that the G-SEAL material would perform equally well, from an abrasion standpoint, as the already established TPER material.

GREENSTREAK, INC.

3400 Tree Court Industrial Blvd. • St. Louis, Missouri 63122

Phone: 800-325-9504 or 636-225-9400 • Fax: 800-551-5145 or 636-225-2049

Greenstreak.com