

Technical Report

Compression Set on :

Brock PowerBase YSR

Prepared March 27, 2018

Summary

Test procedures to measure compression set for 35 psi for 30 min

1. Samples

The test was performed on cut portions of panels of **Brock PowerBase YSR**.

2. Method of test

Test is performed on a test fixture consisting of two steel plates held parallel by steel guides. The samples were cut to 4.5 in x 4.5 in, placed atop the steel base plate, and the top steel plate was positioned on the sample so that the weight was distributed evenly on the surface. The top plate was then weighted to the test-specified weight of 35psi for 30 min, after which time the sample was unweighted and removed from the fixture to allow recovery for 24 hours.

3. Results

PBYSR, 35psi, 30 min Compression

35 psi			
	Initial Thickness (mm)	Thickness after Recovery (mm)	Compression Set (percent)
Sample 1	27.175	25.300	6.900
Sample 2	27.635	25.540	7.581
Sample 3	27.145	25.230	7.055
Averages	27.318	25.357	7.178

END OF REPORT