

Laboratory Test Report

Company: [REDACTED]

Material: Rock Wool 204 & CX (Glass wool)

Objective: Test material for travel rate

Equipment used: Tex-Flex Vibratory Conveyor-
18" W x 6" D x 8'-0" LG

Set-up: First 3 feet was blanked off for infeed, 5'-0" LG of 18 mesh screen. Conveyor set @ 3/8" stroke, 50hz, 85%

Results:

Placed 204 product into the Tex-Flex conveyor pan. Product initially formed a small mound in the middle of the pan with some spreading to the sides. Spread product by hand to try and get 1/2" uniform bed depth. Travel rate was measured at 42 fpm.

1st pass – fines @ 22 lbs

2nd pass – fines @ 13.75 lbs

3rd pass – fines @ 4 lbs

Overs after 3 passes @ 60.5 lbs

For the CX product, we installed a metering block at feed end for better control of bed depth. Placed CX product into the Tex-Flex conveyor pan. Spread product by hand to try and get 1/2" uniform bed depth. Travel rate was measured at 42 fpm.

1st pass – fines @ 23 lbs

2nd pass – fines @ 6 lbs

3rd pass – fines @ 4 lbs

Overs after 3 passes @ 66 lbs.