DRYWALL/GYPSUM PULVERIZATION DATA-SHEET



1 Drywall Pre-Pulverization

For this data test, the manufacturer provided and delivered 6,000 pounds of virgin drywall/gypsum-board

2 Drywall Post-Pulverization

The <18” pre-sized drywall was conveyor fed into the **TORXX Kinetic Pulverizer®** technology



3 Product #1 Paper Backing

TORXX patented technology separates the paper backing from the drywall/gypsum core allowing both substrates to be fully recovered

4 Product #2 Drywall/Gypsum Powder

TORXX patented technology pulverizes the drywall/gypsum wallboard at approximately 20-TPH





Material Test Summary

6,000 pounds of drywall/gypsum wallboard was processed through the **TORXX Kinetic Pulverizer®** technology. The goal of this material test was to demonstrate the following:

1. Liberate and recover the gypsum and the paper backing substrate independently
2. Collect, visually inspect and measure the output fractions of the gypsum wallboard to confirm its recyclability and post-consumer marketability
3. Validate the target throughput performance

Material Test Methodology

A weighted sample of the drywall/gypsum material was hand-sieved to determine the component residues after being pulverized by the **TORXX Kinetic Pulverizer®** technology.



Large paper pieces greater than >19mm which makes up approximately 10.4% of the pulverized total (above)



Sieved sample paper pieces between 6.3mm & 19mm which equates to approximately 7.43% of the pulverized total (left)



Sieved sample paper pieces between 4mm & 6.3mm which equates to approximately 1.25% of the pulverized total (left)



Sieved sample paper pieces between 2mm & 4mm which equates to approximately 2.85% of the pulverized total (left)



Of all the material “Gypsum” that passed through a 2mm screen, by weight, this represents approximately 77.84% of the pulverized total (above)

Gypsum Analysis by Weight

