STONEBRIDGE
COATINGS LABORATORY, INC.

February 20, 2017

Thomas Plotzner
Odenwald Faserplattenwerk GmbH
D-63916 Amorbach
E-Mail thomas.ploetzner@owa.de

Re.: **Test Report No. 117_104B – Scrub Resistance Testing of Coated Tiles according to ASTM D2486**

Dear Mr. Plotzner:

We have completed the scrub resistance testing of your ***OWAcoustic Dispersion-Painted Mineral Tile*** ceiling tiles per ***ASTM D2486****, Standard Test Methods for Scrub Resistance of Wall Paints*. Tiles were tested both dry and wet for scrub resistance.

Dry Scrub Testing – A dry nylon bristle brush was abraded over the coated ceiling tile using a linear abrasion tester. The tile was subjected to **2000 double strokes** of abrasion with no removal of coating. The abraded area demonstrated a very slight glossier finish as a result of the burnishing from the brush, but the coating remained intact on the tile substrate material. See Annex 1.

Wet Scrub Testing – A tile was subjected to abrasion testing using a damp nylon bristle brush, abrasive cleaner and linear abrasion tester. Breakthrough of the white coating to tile substrate was first observed after 63 cycles of scrub. The tile was subjected to additional cycles until breakthrough was observed throughout the length of the stroke path. A total of **73 cycles** were needed to achieve this. See Annex 2.

We thank you for the opportunity to assist you in your testing needs.

Sincerely,
Debora L. Hense
Technical Manager