



**SHERWIN
WILLIAMS.**

Breen Technology Center
Creating Tomorrow's Business Opportunities

DATE: 12/28/06
SUBJECT: Vinyl Siding Safe Color Technology – Gossen TrimGuard Exterior Mouldings

OBJECTIVE

Evaluate Gossen TrimGuard Exterior Mouldings for Vinyl Safe Technology and adhesion.

BACKGROUND:

The Gossen TrimGuard substrates tested were provided by Paint Stores Group Marketing. The substrates consisted of 22 ½” by 4 ½” white trim molding. For the testing, the substrates were painted with a Sherwin-Williams Vinyl Safe Color, as well as a Non-Vinyl Safe color as a negative control. The panels were tested in accordance with ASTM D 3679-03 for the vinyl safe evaluation and ASTM D6677-01 with slight modifications for adhesion.

RESULTS:

Adhesion – modified ASTM D6677-01

Acceptable adhesion was seen with SW topcoats over the Gossen TrimGuard Mouldings

Vinyl Safe – ASTM D3679-03

Acceptable performance, with limited buckling and warping, was seen for the Vinyl Safe Evaluation