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File R14751  
Project 98NK28253

November 1, 1998

REPORT

On

ROOF COVERING MATERIALS - IMPACT RESISTANCE

Under the

CLASSIFICATION PROGRAM

Copper Sales, Inc.  
Anoka, MN

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## GENERAL

## INVESTIGATION:

The intent of this project was to establish an Impact Resistance Classification per UL 2218 for the following steel roof panels:

1. "UC-1 Snap-On" standing seam, "UC-2 Snap-On Batten Seam", "UC-3 Double Lock" standing seam, "UC-4 No-Clip" standing seam, "UC-5 Structural Batten Lock", "UC-6 Structural Double Lock" standing seam, "UC-7 Radius" standing seam, "UC-8 High Profile" standing seam, "UC-600" corrugated metal decking, "UC-601" corrugated metal decking, "UC-700" Bermuda Roofing System, "UC-500" Flush Panel System, "UC-501" Flush Panel System, "U" Panel, "HR" Panel and "R" Panel.

✓ As a prerequisite for impact resistance Classification, roof coverings must be Classified in accordance with ANSI/UL 790, Tests for Fire Resistance of Roof Covering Materials and comply with the Class A, B or C requirements therein.

Based on test data in the file, the manufacturer's proposed roofing system was granted a Class C fire Classification without fire testing. This Classification is shown in the Conclusion Section of this Report.

DESCRIPTION

PRODUCT COVERED:

The products covered by this Report are formed steel panels. As a result of the investigation described in this Report, the products are Classified as to Impact Resistance and External Fire Exposure (Class C).