



Member of the FM Global Group

Examination Standard for Edge Systems Used with Low Slope Roofing Systems

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Foreword

This standard is intended to verify that the products and services described will meet stated conditions of performance, safety and quality useful to the ends of property conservation. The purpose of this standard is to present the criteria for examination of various types of products and services.

Examination in accordance with this standard shall demonstrate compliance and verify that quality control in manufacturing shall ensure a consistent and reliable product.

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1 INTRODUCTION

1.1 Purpose

- 1.1.1 This standard states testing and certification requirements for edge systems used with low slope roofing systems.
- 1.1.2 Testing and certification criteria may include performance requirements, marking requirements, examination of manufacturing facility(ies), audit of quality assurance procedures, and a surveillance program.

1.2 Scope

- 1.2.1 This standard applies to any component intended to or for use in edge systems installed on low slope roofing according to the limitations and requirements specified for each individually manufactured roof edge system.
- 1.2.2 The requirements of this standard shall be used to measure and describe the wind load resistance of roof edge systems and their securement in response to simulated wind loads under controlled laboratory conditions. Gutters are also evaluated for water, ice, and snow load resistance.
- 1.2.3 The performance of a roof edge system depends in part on adequate resistance to environmental loads at the building edge and to maintain the securement of the roof cover system.
- 1.2.4 This standard describes the minimum performance requirements for roof edge systems by evaluating their performance as it relates to the noted loads.
- 1.2.5 This standard is not intended to determine the suitability for all end use conditions of a product. Conditions under which a roof edge system is used vary widely. It is the responsibility of the manufacturer and user to determine the suitability of the roof edge system for the intended location.
- 1.2.6 This standard does not determine a roof edge system's ability to restrict or prevent the infiltration of air or water into or through the edge or underside of the roofing system.

1.3 Basis for Requirements

- 1.3.1 The requirements of this standard are based on experience, research and testing, and/or the standards of other organizations. The advice of manufacturers, users, trade associations, jurisdictions and/or loss control specialists was also considered.
- 1.3.2 The requirements of this standard reflect tests and practices used to examine characteristics of roof edge systems for the purpose of obtaining certification. Roof edge systems having characteristics not anticipated by this standard may be certified if performance equal, or superior, to that required by this standard is demonstrated.