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# **Examination Standard for Roof Maintenance Coatings**

**Class Number 4482**

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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 roof maintenance coatings.
- 1.1.2 Testing and certification criteria may include, but are not limited to, 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 liquid applied products with or without reinforcements that are applied over existing, functioning certified roof systems. Certified roof maintenance coatings must be used in conjunction with previously installed certified roofs. Maintenance coatings do not increase the fire, wind, leakage or hail resistance performance of the existing roof.
- 1.2.2 This standard is intended to evaluate only those hazards investigated and is not intended to determine suitability for the end use of a product.
- 1.2.3 This standard shall not be used to qualify roof cover products.

## 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 maintenance coatings for the purpose of obtaining Certification. Maintenance coatings having characteristics not anticipated by this standard may be certified if performance equal, or superior, to that required by this standard is demonstrated.

## 1.4 Basis for Certification

Certification is based upon satisfactory evaluation of the product and the manufacturer in the following major areas:

- 1.4.1 Examination and tests on production samples shall be performed to evaluate
  - the suitability of the maintenance coating when used with a certified roof assembly
  - the performance of the product as specified by the manufacturer and required for certification; and as far as practical,
  - the durability and reliability of the product.
- 1.4.2 An examination of the manufacturing facilities and audit of quality control procedures may be made to evaluate the manufacturer's ability to consistently produce the product which is examined and tested, and the marking procedures used to identify the product. Subsequent surveillance may be required by the certification agency in accordance with the certification scheme to ensure ongoing compliance.