

EXTERIOR INSULATION FINISH SYSTEMS (EIFS)

*Materials, Properties,
and Performance*

PETER E. NELSON
RICHARD E. KROLL
Editors



STP 1269

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***Exterior Insulation Finish
Systems (EIFS): Materials,
Properties, and Performance***

Peter E. Nelson and Richard E. Kroll, editors

ASTM Publication Code Number (PCN):
04-012690-10



ASTM
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Printed in the U.S.A.

ISBN: 0-8031-2040-0

PCN: 04-012690-10

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The quality of the papers in this publication reflects not only the obvious efforts of the authors and the technical editor(s), but also the work of these peer reviewers. The ASTM Committee on Publications acknowledges with appreciation their dedication and contribution to time and effort on behalf of ASTM.

Foreword

The symposium on Exterior Insulation Finish Systems (EIFS): Materials, Properties, and Performance was held 11–12 March 1995 in Denver, Colorado. ASTM Committee E6 on Performance of Buildings sponsored the symposium. Peter E. Nelson, Simpson Gumpertz & Heger, Inc., and Richard E. Knoll, Dryvit Systems, Inc., presided as symposium cochairmen and are coeditors of this publications.

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Overview

This is the second international symposium by ASTM on Exterior Insulation Finish Systems (EIFS). The first symposium was held in Washington, DC on 21–24 Sept. 1992. It concentrated on the development, use, and performance of EIFS. This symposium is similar but concentrates on the materials, properties, and performance of EIFS.

The concern about the longevity of EIFS continues as usage increases and EIFS becomes more popular. Some walls failures have occurred from wind and water damage. Designers and engineers need more information about material properties and physical behavior to help design and build longer lasting wall claddings.

Some of the views presented in this STP recommend change, others seek improvements and refinement of the existing concepts used with EIFS. All this information is beneficial to increase knowledge and promote future discussions about EIFS. Currently task groups in ASTM Subcommittee E6.58 are working on developing standards for EIFS.

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