

SYMPOSIUM ON BITUMINOUS WATERPROOFING AND ROOFING MATERIALS

INTRODUCTION

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Sponsored by ASTM Committee D-8 on Bituminous Materials for Roofing, Waterproofing, and Related Building or Industrial Uses, this symposium has been prepared to inform and stimulate interest of those concerned with waterproofing and roofing bitumens.

Five of the eight papers contained in this volume are of general nature and cover aspects of manufacture, inspection, applications, and service requirements

of certain principal categories of materials. Three papers² are of specialized experimental or theoretical interest. Although in each case, the data are based on some particular asphalt type, the conclusions apply to all bitumens of interest.

In all fields of science, specialization is the rule, and this is true with bituminous products as well. Producers are not in close touch with consumers, asphalt suppliers are fenced off from coal tar suppliers, and even some consumer processors specialize in one type of product to the exclusion of the other. Committee D-8 hopes that the papers of general interest particularly will help the reader to understand better some of the lesser known characteristics of bituminous materials and stimulate him to active discussion.

¹ Research and Development Dept., Standard Oil Co., Whiting, Ind.; Symposium Chairman.

² E. W. Mertens and S. H. Greenfeld, "Some Qualitative Effects of Composition and Processing on Weatherability of Coating-Grade Asphalts," p. 20 of this publication.

S. H. Greenfeld, E. W. Mertens, and P. W. M. John, "A Statistical Study of Weatherometer Data on Coating-Grade Asphalts," p. 29 of this publication.

J. G. Hayes, "Glass-Fiber Felt Roofing Products," p. 48 of this publication.