

Book Review

THE SCIENCE AND TECHNOLOGY OF SURFACE COATING. (Academic Press Ltd., London). Edited by B. N. Chapman and J. C. Anderson. Proceedings of a NATO Advanced Study Institute held at Imperial College, University of London, April, 1972. (£14.80).

This book has been edited by the two organisers of the Conference, Dr. Brian Chapman and Professor J. C. Anderson, and the book includes lectures given by experts on a wide variety of surface coatings. Surface coatings are used in nearly all branches of science and technology and include not only the common paint coatings and chromium plating with which we are all familiar, but many other applications, ranging from very thick copper coatings applied to printing rollers to the very thin anti-reflection coatings on camera lenses.

This book summarises all these various techniques and aims to give the reader an appreciation of the many coating techniques available, many of which would not normally be considered by workers in a particular field. Although there is some overlap, in that the very nature of the book is an account of a series of lectures, the preparation techniques are divided into conduction and diffusion processes, chemical processes, wetting processes and spraying processes.

Unfortunately, some of the chapters are rather condensed and it may be necessary for the reader who is interested in any particular process to find further information from the ample references given.

The book is well produced and contains a useful glossary of terms used in surface coating and a subject index covering all the contributions.

D. S. CAMPBELL



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