Record Nr. UNINA9910900171103321 Autore Edwards Howell G. M. Titolo Coade Stone: A History and Analysis / / by Howell G. M. Edwards, Christopher J. Brooke Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 3-031-71432-6 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (275 pages) Collana Cultural Heritage Science, , 2366-6234 Altri autori (Persone) BrookeChristopher J Disciplina 620.11 Soggetti Materials science Analytical chemistry Archaeology Anthropology Materials Science **Analytical Chemistry** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter 1. Coade Artificial Stone and Its Marks -- Chapter 2. Factors Nota di contenuto That Influenced the Success of Coade Stone -- Chapter 3. The Precursors Contemporaries and Later Variations of Coade Stone --Chapter 4. Historical Myths and Anomalies Associated with Coade Stone -- Chapter 5.The Mineralogy of Fired Ceramics -- Chapter 6.The Analysis of Coade Stone Artefacts -- Chapter 7.Case Studies -- Chapter 8. Conclusions. The history and nature of artificial stone for use in architecture is a Sommario/riassunto subject still shrouded in myth and misconception. This book aims to lay bare those misconceptions and present a scientific and architectural account of these materials, and especially Coade Stone, the most successful of all, which found great favour during the Georgian period. Many examples of Coade Stone cast sculpture still exist and several key examples are presented in context and as case studies. Eleanor Coade' s artificial stone was so good that many observers could not distinguish it from the natural stone it replaced: the growth in replication of the

> neo-classical statuary and building adornment required in the late Georgian and Regency period was well satisfied by the use of Coade

stone. A holistic evaluation of Coade stone artefacts is undertaken whereby the use of analytical data, historical documentation, invoices, company records, impressed marks and expert connoisseurship will establishthe attribution of Coade stone artefacts, some of which are currently in the unknown category. Several new scientific analyses are presented that demonstrate the true nature of high temperature fired ceramic Coade Stone and allow comparison with other forms of artificial stone, such as the cold cured cementitious variations, which eventually replaced it in the Victorian period.