

**THE MARBLE-WORKERS'
MANUAL. DESIGNED FOR THE
USE OF MARBLE-WORKERS,
BUILDERS, AND OWNERS OF
HOUSES**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649643240

The Marble-Workers' Manual. Designed for the Use of Marble-Workers, Builders, and Owners of Houses by M. L. Booth

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

M. L. BOOTH

**THE MARBLE-WORKERS'
MANUAL. DESIGNED FOR THE
USE OF MARBLE-WORKERS,
BUILDERS, AND OWNERS OF
HOUSES**

THE
MARBLE-WORKERS' MANUAL.

DESIGNED FOR THE USE OF
MARBLE-WORKERS, BUILDERS,
AND
OWNERS OF HOUSES.

CONTAINING PRACTICAL INFORMATION RESPECTING MARBLES IN
GENERAL; THEIR CUTTING, WORKING, AND POLISHING;
VENEERING OF MARBLE; PAINTING UPON AND COLOR-
ING OF MARBLE; MOSAICS; COMPOSITION AND USE
OF ARTIFICIAL MARBLE, STUCCOS, CEMENTS;
RECIPTS, SECRETS, ETC., ETC.

Translated from the French,
BY M. L. BOOTH.

WITH AN APPENDIX
CONCERNING AMERICAN MARBLES.

PHILADELPHIA:
HENRY CAREY BAIRD,
INDUSTRIAL PUBLISHER,
406 WALNUT STREET,
1865.

Entered according to Act of Congress, in the year 1860, by
SHELDON, BLAKEMAN & CO.,
In the Clerk's Office of the District Court of the United States for
the Southern District of New York.

210220

PREFACE.

THE art of the Marble worker may be classed among those employments possessing the most interest and variety. It demands of its votary the knowledge of design, that of public and private monuments, and of the natural history of Marbles. It demands, also, taste and patience, without which the sculptor will be a bungler, instead of an artist. The cotemporary of civilization, his hand is found in the works of every century. The more greatness has belonged to nations, the more occasions had the artist to celebrate it; and if the monuments of Greece and Rome had not been pillaged by the invasions of the barbarians, their sculptures would have borne witness to the flourishing state of the arts upon those two principal points of the globe.

Less ambitious at present, as great fortunes are rare, the artist must employ himself upon the ordinary wants of private life; and if a few public monuments still demand his chisel, these are but exceptional, and in large cities. This is a misfortune, yet it is not without its compensations. These large fortunes, by their infinite subdivision, have given rise to that middle class, who, on their part, take delight in what they call conveniences, and demand of the Marble worker chimney-pieces, tables, vases, tombs, and funereal monuments, panelings, pavements more or less

decorated with stone and Marble, and even fountains, flag and curbstones, frontings for the outside of warehouses, and counters, slabs and fixtures for interiors. In this respect the Marble workers of our times differ from those who only devoted themselves to churches and palaces. It is, therefore, important to place within the reach of skillful workmen the information and models which they need, and which are here extracted from the best authorities, in order to encourage and stimulate good taste.

The Manual of the Marble worker has been long demanded. It has also been needed by those proprietors who themselves desire to superintend works for which they do not choose to employ an architect. They will find in this manual all the information necessary to instruct them. We have probably invented nothing, but we have endeavored to make the most complete possible analysis of the treatises upon ancient and modern Marble working, which until now have only been found in folios so costly and bulky, that it was very difficult to consult, and almost impossible to possess them.

Our little volume, on the contrary, presenting a clear and precise text, and free from all the scientific phrases which perplex the subject, will be in the possession of every person who seeks information respecting the art of Marble working. It will be understood; it will excite comparative ideas; it will draw forth essays; it will attract attention to this art; and our object will be gained if it restores to the ateliers of the Marble workers some of the emulation which they seem to have lost.

It is divided into five parts.

The first treats of Marbles in general, of their qualities, beauties, and defects.

PREFACE.

v

The second treats of the use, cutting, and polishing of the different Marbles which are in commerce.

The third describes the processes designed to facilitate and perfect the labor of the workman.

The fourth part is devoted to plated Marbles, stuccos; mosaic paintings, and terraces—the whole being the practical experience of the most skillful Marble workers.

The fifth part comprises new processes, secrets, recipes, an essay on the manufacture of toy marbles, and various other matters pertaining to the art.

We have also endeavored to enlighten the workmen respecting their true interests, and to warn them against the mistaken principles which sometimes mislead them, by pointing out the right course, and inspiring in them, as well as in us, that love of truth and commercial integrity, without which no industrial establishment will ever gain the confidence of the public or secure honorable profits.



TABLE OF CONTENTS.

| | PAGE. |
|---|-------|
| Alabaster..... | 17 |
| Appendix—Concerning American Marbles..... | 248 |
| Artificial Marble..... | 158 |
| “ “ and Stuccos..... | 119 |
| Atelier of the Marble worker..... | 115 |
| Breccias, modern..... | 80 |
| Cement, universal..... | 114 |
| Chimney-piece in malachite..... | 218 |
| Chinese Paintings, unalterable..... | 167 |
| Coloring of Marbles..... | 81 |
| Coloring of Artificial Marbles..... | 228 |
| Crab, the..... | 84 |
| Crane, the..... | 88 |
| Defects of Marbles..... | 82 |
| Designs for the execution of works..... | 215 |
| Different varieties of Marbles..... | 15 |
| Figures in relief upon Marbles..... | 227 |
| Granite..... | 45 |
| Imitations of Marbles..... | 119 |
| Imitations of Mosaics..... | 206 |
| Jack-screw, the..... | 89 |
| Jasper..... | 40 |