TABLES FOR THE USE OF ARCHITECTS, ENGINEERS, SURVEYORS, BUILDERS

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Tables for the use of architects, engineers, surveyors, builders by James Wale

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JAMES WALE

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Trieste

WALE'S TABLES.

TABLES

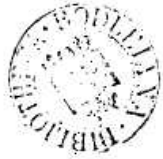
FOR THE USE OF

ARCHITECTS, ENGINEERS,

SURVEYORS, BUILDERS;

MAHOGANY, DEAL, AND TIMBER MERCHANTS;

AND OTHERS CONCERNED WITH VALUATIONS.



By JAMES WALE,

BUILDING SURVEYOR, 3, SADLER GATE BRIDGE, DERBY.

DERBY:

MAY BE HAD FROM THE AUTHOR;

WILLIAM HORSLEY, SADLER GATE BRIDGE;

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AND ALL BOOKSELLERS.

1851.

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PREFACE.

HAVING a considerable time before I commenced this work, been well convinced of the possibility of forming a better system for pricing Deals and Battens, and the various Thicknesses from them, and Timber, Mahogany, Cedar, Wainscot, or other Logs, than any that have come under my notice, I determined to compose a set of Tables for that purpose; but how far I may congratulate myself upon having accomplished the task, must, of course, remain for others to determine.

The Tables will be found equally useful to all concerned with building, in day or measure accounts, to Deal and Timber Merchants in buying or selling, and to others professing to make valuations, inasmuch as they answer the purpose of pricing materials either in rough from the *sale yard*, or as found *net* in any description or quality of Joiners' work, and thereby forming a just *foundation* for all prices.

The prices are affixed in pence and decimal parts of a penny, and the reason for it is obvious, it being the only true method that could be adopted to produce what the prices really are.

But perhaps it will be said by some, that by so doing I have calculated too particularly. To this I answer, it has been my aim to show what the prices really are, in lieu of what they are not; and as I consider that others have calculated much too loosely, I hope to escape censure on that account; for as the prices now stand, it will be for those who use them to put such value upon the

decimal part of the penny as they may think proper; they will then have the satisfaction of knowing what they give, and what they take, with correctness.

It will be attended with the most justice to figure in accounts at the prices as they stand in the Tables, for if after a calculation the price is found to be 2·38, it must by vulgar fractions be called either 2¼*d.* or 2½*d.*

See the difference :—

	£.	*s.*	*d.*	
1000 feet at 2·38 is	9	18	4	
1000 feet at 2¼	9	7	6	
The seller receives	0	10	10	too little in this case.

	£.	*s.*	*d.*	
1000 feet at 2½	10	8	4	
1000 feet at 2·38	9	18	4	
The buyer pays	0	10	0	too much in this.

So that either one party or the other must suffer 5 per cent., which, in a year's transactions, where an extensive business is carried on, would amount to a serious sum.

I consider it unnecessary to state more by way of preface, than that when I begun this work (now some years since) I had not the least intention to publish it, but am now induced so to do, at the request of many intelligent practical persons, both before and after its completion; and certainly, if it contains what is useful, it is desirable it should, like any other useful work, get into the hands of those for whose use it is intended.

I acquiesce, therefore, fully hoping that those who may possess the work, may derive as much practical satisfaction from it as I have done, and that it may prove itself to be a fruitful source of correcting those *very great disparities* in prices, which I *well know* have been prevalent too long with many.

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EXPLANATION.

THE table of Deals and Battens, page 13–18, gives at sight the prices per foot run, superficial inch, per load, per standard hundred, per 120, or *vice versa*, as follows :—

	£.	s.	d.	
If 14·0 × 3 × 9½ Deals are at	33	6	0	per 120,
3 × 11 do. will be	16	10	0	per standard hundred.
2½ × 7 Battens	10	10	0	do. do.
Timber	5	0	0	per load.
Inch stuff ...	0	0	2	per foot superficial.
3 × 12	0	0	6	do. do.
3 × 11	0	0	5·5	do. run.
3 × 10	0	0	5·	do. do.
3 × 9½	0	0	4·75	do. do.
3 × 9	0	0	4·5	do. do.
2½ × 7	0	0	2·92	do. do.

The table of Freight, Cartage, and other contingent expenses, applies as follows :—

	£.	s.	d.		
If 3×11 Deals cost	12	13	4	per standard, it is	4·23 per foot.
If freight, &c., cost	2	12	6	do. do.	·88 do.
					5·11 prime cost.

If bought in pence and eighths of a penny, the following will be the decimals :—

⅛	of a penny	·125
¼	do.	·25
⅜	do.	·375
½	do.	·5
⅝	do.	·625
¾	do.	·75
⅞	do.	·785

but in practice two places of decimals are sufficient.

If 2½ × 7 cost 2⅛*d.* per foot, it is		2·12
Add freight, &c.		·47
		2·59 prime cost.