

C O R N I S H

**DELABOLESLATE**

The Natural Choice

six centuries of quality craftsmanship

*The Delabole Slate Company*



**worktops**

IN NATURALLY ATTRACTIVE DELABOLE SLATE



web:

[www.delaboleslate.co.uk](http://www.delaboleslate.co.uk)



# worktops

## HAND-CRAFTED DELABOLE SLATE WORK-TOPS

Our use of traditional crafting methods gives each item a natural and individual finish. Slight irregularities, and attractive natural markings are characteristic of this and adds to the uniqueness of your work-top.



IN NATURALLY ATTRACTIVE DELABOLE SLATE

The slate used for worktops is supplied made-to-measure, and polished to a matt sheen. A variety of finished edges are available, including attractive bullnosed and pencilled edges.



## ‘THE PERSONAL TOUCH’

According to historians, "It is likely that the great slate slabs used for cooking by the Beaker folk around 2,000BC, came from Delabole."

Our skilled and experienced artisans personally select suitable slate slabs and oversee each individual order.

BRAND

Over hundreds of years, Delabole Slate worksurfaces have been used in every conceivable application. Ideal in kitchens, bathrooms, conservatories and utility rooms around the home, Slate surfaces are also the perfect choice for commercial projects. Designers have specified Delabole Slate for



*Delabole Slate has enjoyed a worldwide reputation over many centuries for its unbeatable quality of slate.*



bartops, reception desks, tables, shop counters, and sink & vanity units, which not only look beautiful, but are extremely durable and hygienic.



*Delabole Slate worksurfaces used in the "Tap & Spile", terminal 1, Heathrow Airport. Specified for product durability in what is certainly a 'high traffic' application!*



*25 linear metres of Delabole Slate worksurfaces were installed in the world-famous 'Jamaica Inn' - the source for Daphne Du Maurier's novel of the same name. The slate provided the perfect finish for matching the historic decor, whilst offering the practicality required of a modern food facility.*

## performance

### GENERAL

Slate from the Delabole Quarry is universally acknowledged for its outstanding quality. Delabole Slate worktops are hard-wearing, non-combustible, resistant to sulphuric acid, normal heat and temperature changes.

### WATER

Delabole slate is practically impermeable, having a water absorption value of less than 0.1% by weight. The slate does not delaminate or flake when subjected to soaking and drying cycles.

### TEST RESULTS

In accordance with ASTM standards, as conducted by Harry Stanger Ltd, Elstree, and Frank Saynor & Associates, Edinburgh.

<b>Compressive Strength</b>	118.0 N/mm <sup>2</sup>
<b>Modulus of Rupture</b>	71.0 N/mm <sup>2</sup>
<b>Water Absorption</b>	<0.1% by weight
<b>Weather Resistance</b> (depth of softening)	0.025 mm
<b>Specific Gravity</b>	2.819

Tests in accordance with the 'Italian Marble Technical Guide'.  
(as tested by Harry Stanger Ltd. and Frank Saynor & Associates).

<b>Compression Breaking Load</b>	156.0 MPa
<b>Compression Breaking Load</b> (after freezing)	144.7 MPa
<b>Imbibition Coefficient</b>	0.144%
<b>Ultimate Tensile Strength</b>	248.75 kg/cm <sup>2</sup>
<b>Impact Test</b>	115 cm
<b>Thermal Linear Expansion</b>	0.0075 mm/m°C
<b>Frictional Wear Test</b>	2.69 m <sup>3</sup> x 10 <sup>-8</sup> per Nm
<b>Weight per unit of volume</b>	2819.0 kg/cm <sup>3</sup>
<b>Elasticity Modulus</b>	11.175 x 10 <sup>5</sup> kg/cm <sup>2</sup>
<b>Knoop Microhardness</b>	278 kg/mm <sup>2</sup>

In accordance with BS: 5642 Part 2, BRE Digest 269, 'The Selection of Natural Building stone (as tested by Frank Saynor & Associates).

<b>Acid Immersion Test</b>	(BS 5642) Type A slate
<b>Wetting &amp; Drying Test</b>	(BS 5642) No signs of delamination or splitting along the edges, or of substantial flaking on the surface.

<b>Crystallisation Test</b>	(BRE Digest 269)
No signs of failure after 15 cycle tests, and negligible weight loss.	

## specification

### COLOUR & TEXTURE

Delabole Slate worktops are predominantly blue/grey in colour, with attractive natural markings. Sealants can be applied (available from Delabole Slate) which will darken the colour and highlight any markings. The surface is fine rubbed to a smooth, egg-shell finish.

### SIZE & SHAPE

All Delabole Slate worksurfaces are individually made to customer requirements. They are manufactured to a maximum size of approximately 1.6m x 0.9m (63" x 35"), and in nominal thicknesses from 25mm to 50mm. Larger worksurfaces can be obtained by appropriate jointing on site. The slates can be crafted to accommodate practically any design. Curved shapes can be cut to templates or to drawn specifications supplied.

### EDGES

All top edges of worktops are arised (slightly chamfered) to remove the sharpness. In addition, exposed edges can be fine rubbed, rounded (either half or full bullnosed), or pencilled, according to customer requirements.

### SPECIAL FEATURES

Apertures cut into the worktop (ie. for sink and hob units) can easily be catered for. Tap holes, and even drainage grooves can be machined to complete the perfect sink feature.

### WEIGHT

1m<sup>2</sup> at 25mm thickness.

Approximately 71 kg

## sitework

### FIXING

Delabole slate worksurfaces can be fitted successfully in a number of ways. Holes can be drilled (either by ourselves, or by on-site fitters, using ordinary masonry drill bits), and then glued and dowelled into place. Alternatively, worktops can be mortared up to stone and brick walls, or ready-made brackets can be provided for easy assembly. For slate surfaces of less than 25mm (1" approx) thickness, it is recommended that marine ply be used as a backing, onto which the slate can be fixed using various 'fix and grout' products.

Slate surfaces should be supported at maximum intervals of 600mm, and any butt joints should be positioned above these supports.

### CLEANING

It is important to 'clean as you go' when fitting worksurfaces. Specialist cleaning agents can be supplied which will remove glue and mortar, if necessary.

### PROTECTION

It is recommended that all worksurfaces are covered whilst work continues on site. Plywood will provide the ideal protection, but suitable paper or plastic coverings should be adequate.

## environment health & safety

**ENVIRONMENT** - Slate is a naturally occurring material that in normal use is both inert and non-polluting.

**WASTE DISPOSAL** - Unwanted items should be disposed of in accordance with the 'Duty of Care - Control of Waste Regulations', and any local Government requirements.

**HAZARDS TO HEALTH** - Hazards are generally associated with poor handling and incorrect machining of products. Cuts may be sustained from broken or sharp edges; these should receive the appropriate first aid and medical attention. Dust arising from dry-cutting, drilling or machining can be harmful to health.

**PRECAUTIONS** - Lifting: Wear suitable gloves or other hand protection. Avoid lifting awkward shaped items alone. Get help where needed.

Machining: Use water saturated machinery methods if possible. Use dust masks of suitable standard if dust occurs. Wear eye protection when using machinery and holing tools.

## general

**MAINTENANCE** - Practically no maintenance is needed. Surfaces can be kept clean by wiping over with a damp cloth.

Delabole Slate supply a range of accessories associated with the fixing, cleaning and protection of slate surfaces.

**ORDERING** - When ordering Delabole slate worktops, please specify the following:

Dimensions - (length x width x thickness)	Quantity
Special End Shapes	Finished edge details -
Delivery Address - (if applicable)	(square, rounded, pencilled)

Enclose scale drawings or wooden templates for aperture positions with accurate dimensions.

**SHOWROOM** - Worksurfaces and many other slate products are on display at the Delabole showroom, open Monday - Friday, 8.00am - 4.30pm.

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Managed Forests