



CORIAN® for  
**signs**



**CDUK**

distributors of

**CORIAN**  
SOLID SURFACES



# CORIAN® FOR signs



## What is Corian® ?

Corian® is the leading solid surface material manufactured by Du Pont™. It combines strength and durability with beauty and design flexibility enabling signs to be produced that are both visually exciting and virtually everlasting.

Available in sheet form in a range of over 100 colours, Corian® can be joined with inconspicuous seams, thermoformed, pressed, polished to achieve a variety of finishes and combined with other materials such as wood, glass, metal, vinyls etc giving a multitude of design options.



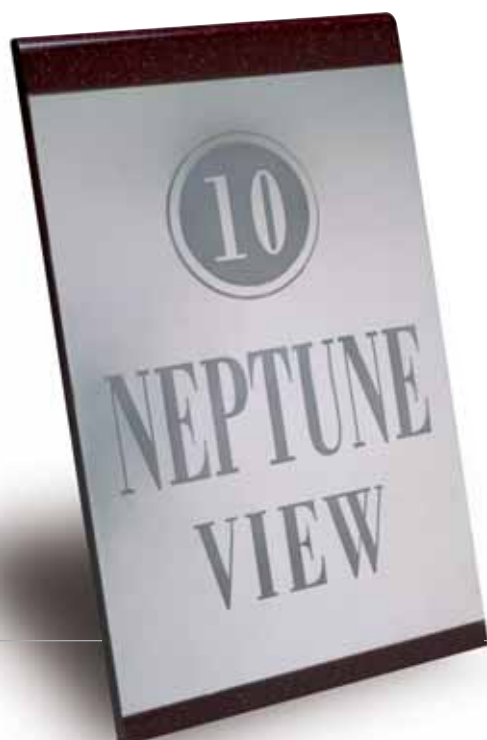
## Composition of Corian®

Unlike many other solid surface materials currently used within the sign industry Corian® is acrylic based, it won't fade or discolour even when exposed to direct sunlight.

Corian® is a mixture of clear acrylic resin, natural minerals and pigments. The mineral content contains some of the properties of real stone such as the cold feel and substantial weight. Unlike stone, Corian® is totally consistent with no variation in composition or fault lines and cracks throughout its thickness.

## Colours of Corian®

The current Corian® range comprises over 100 colours and this is ever increasing. The full range of colours is shown on a separate colour chart.



## Corian® for Signs

Corian® is a superb material for routing and engraving, its consistent quality and high density enables an exceptional level of detail to be reproduced.

Being virtually inert, Corian® can be combined with other materials to create interesting effects. The use of brass and stainless steel inlaid into Corian® being particularly effective in producing prestigious signs.

Corian® can easily be glued using the special Corian® adhesive. Applications include fabrication of larger sheets and returns to increase the apparent sheet thickness and combining one or more colours of Corian®. For example Corian® letters on a contrasting background.



Engraved or routed areas can easily be filled with screenprinting inks to achieve different colour combinations as required. Alternatively routed areas can be filled with coloured acrylic medium. This gives a smooth but durable finish and assists with cleaning.



## Benefits of Corian®

- Proven durability
- Will not fade or discolour, UV stable – suitable for outdoor locations
- Consistent quality makes Corian® the ideal material for routing and engraving
- Can be joined with inconspicuous seams
- Non-porous. Resists staining
- Easy to repair
- Compatible with most other materials including: glass, wood, metals and vinyls
- Available in a range of over 100 colours
- Available in sheet sizes of up to 3680mm x 760mm in 13mm and 6mm thickness
- Available ex-stock



## Working with Corian®

Corian® is supplied with a matt finish. Some applications within the sign industry may require some degree of finishing of both the front face and sides of the material in order to achieve a gloss or semi-gloss finish. This is readily achievable using an orbital sander in conjunction with various grits, finishing with a Scotch-Brite pad. Corian® can best be cut using a table saw.

## Durability of Corian®

Corian® was originally developed for use as worksurface material, it is therefore extremely durable and non-porous. However accidents in the form of burns, scratches or spills can happen, such surface damage can easily be removed by polishing.

## Corian® technical data

### Thicknesses

Corian® is available in 6mm and 13mm thicknesses  
Limited range, refer to colour chart

### Sheet size

13mm thickness 3680 x 760mm  
6mm thickness 2490 x 760mm

### Density

1.78g/cm<sup>3</sup>

### Weight

Thickness	Sheet size	Per Sheet	Per m <sup>2</sup>
6mm	2490 x 760mm	21.7kg	11.5kg
13mm	3680 x 760mm	64.3kg	23.0kg

### Thermal expansion

Coefficient of thermal expansion -  $30.5 \times 10^{-6}$  m/mC

### Colours

See colour chart

### Fire rating

Class 1

### Guarantee

10 years

