

CORIAN® SOLID SURFACE SAFE HANDLING AND STORAGE

Introduction

This fabrication bulletin addresses the handling and storage of Corian® Solid Surface and accessories.

Overview

Proper handling and storage of Corian® solid surface products and accessories will help avoid injuries and ensure that these products are in good condition when time comes to start fabrication.

A. HANDLING CORIAN® SOLID SURFACE SHEET

Sheets of Corian® are best unloaded from the delivery vehicle on the pallet with a forklift or lifting device. Pallets of 1/2" x 30" x 144" (12 mm x 762 mm x 3,656 mm) sheet can weigh up to 1,700 lbs. (770 kg). The forklift or lifting device should be capable of lifting this weight under the use conditions.

If no suitable equipment is available, the pallet should be opened on the vehicle bed, and sheet manually handled on edge, one sheet at a time. Because of the weight (each 1/2" [12 mm] sheet is approximately 130 lbs. [59 kg]) and sharpness of sheet edges, proper safety shoes and appropriate gloves should be worn.

All individual sheets must be handled by two people and carried on edge with one hand under to support, and one hand over to control the sheet. It is important to carry 1/4" (6 mm) sheet vertically as it may flex excessively when carried horizontally.

Special carrying devices are also a good alternative when carrying large sheets of Corian® solid surface. There are many manufacturers of vacuum lifts and heavy duty carts which can be used to handle heavy sheets and tops.

HELPFUL HINTS

Do not attempt to unload or carry sheets of Corian® solid surface unaided.

Do not carry sheets horizontally or unsupported, and do not handle sheets with bare hands when unloading.

The product is fragile, heavy and must be handled with care to avoid damage.

B. HANDLING CORIAN® SINKS AND LAVATORIES

Sinks and lavatories should be carried right side up as indicated by the arrow on the packaging. Although the cartons are designed to afford the maximum transport protection, it is very important that the products are treated as fragile at all times.

HELPFUL HINTS

Do not drop, drag or risk impact to cartons.

Do not place heavy loads on top of cartons.

Do not store outdoors or allow cartons to get wet, this will weaken the cartons.

C. HANDLING ACCESSORIES

General accessories require no specific handling instructions; however, DuPont™ Joint Adhesive, DuPont™ Joint Adhesive 2.0 and Corian® Joint Adhesive have specific storage, protective equipment, and use guidelines to ensure quality and safety. Please refer to *Corian® Solid Surface Fabrication/Installation Fundamentals – Adhesives* (K-25290) and appropriate Safety Data Sheets (SDS) for additional details.

HELPFUL HINTS

Don't leave accessories such as adhesives exposed to extremes of temperature.

Protect eyes and skin from contact with adhesives.

D. STORING CORIAN® SOLID SURFACE SHEET

Sheet must be stored so that the product is kept in a perfectly flat condition to prevent warp. Sheets of Corian® solid surface should not be allowed to get wet in storage.

Access to sheets for easy handling is essential, as is a storage system which allows for easy sheet color and batch identification.

Sheets of Corian® solid surface are most effectively stored between 60-75°F (16-24°C) and must be kept in a dry and well-ventilated area. This can be achieved by storing the sheet horizontally or vertically.

Horizontal Storage

Support must be such that the sheet is kept in a perfectly flat condition to prevent sagging or warping. This requires either full underlayment support or rack support every 24" (610 mm).

The pallets on which Corian® solid surface is shipped will be sufficient if they are in good condition and are not missing any blocks. If pallets are stacked it is essential that the blocks are aligned. If sheet is stored on pallets where blocks are missing, damaged, or misaligned warp is likely.

Vertical storage

The base of the sheet should be fully supported by the floor or similar stable platform. Sheets should lean on supports affixed to a wall or strong vertical support. These supports must be capable of supporting the number of 1/2" (12 mm) sheets you intend to lean against it.

CORIAN® SOLID SURFACE SAFE HANDLING AND STORAGE

HELPFUL HINTS

The key element is to store sheets of Corian® solid surface in a manner that prevents any warping.

Sheets of Corian® solid surface should not be allowed to get wet in storage.

Access to sheets for easy handling is essential, as is a storage system which allows for easy sheet batch identification.

E. STORING CORIAN® SOLID SURFACE SINKS AND LAVATORIES

Sinks and lavatories should be stored to allow easy access and identification of the contents of the carton. Do not store heavy products on top of cartons. For safety, these should not be stacked more than six cartons high. Products in cartons should not be stored outdoors or allowed to get wet.

F. STORING ACCESSORIES

No specific care and attention is required for accessories for Corian® solid surface, with the exception of DuPont™ Joint Adhesive, DuPont™ Joint Adhesive 2.0 and Corian® Joint Adhesive. The storage requirements for adhesives and sealants are discussed in *Corian® Solid Surface Fabrication/Installation Fundamentals – Adhesives* (K-25290).

G. REFERENCED DOCUMENT

Corian® Solid Surface Fabrication/Installation Fundamentals – Adhesives (K-25290).

PLEASE VISIT OUR WEB SITE: WWW.CORIAN.COM OR CONTACT YOUR CORIAN® REPRESENTATIVE FOR MORE INFORMATION ABOUT CORIAN® SOLID SURFACE

This information is based on technical data that E. I. du Pont de Nemours and Company and its affiliates ("DuPont") believe to be reliable, and is intended for use by persons having technical skill and at their own discretion and risk. DuPont cannot and does not warrant that this information is absolutely current or accurate, although every effort is made to ensure that it is kept as current and accurate as possible. Because conditions of use are outside DuPont's control, DuPont makes no representations or warranties, express or implied, with respect to the information, or any part thereof, including any warranties of title, non-infringement of copyright or patent rights of others, merchantability, or fitness or suitability for any purpose and assumes no liability or responsibility for the accuracy, completeness, or usefulness of any information. This information should not be relied upon to create specifications, designs, or installation guidelines. The persons responsible for the use and handling of the product are responsible for ensuring the design, fabrication, or installation methods and process present no health or safety hazards. Do not attempt to perform specification, design, fabrication, or installation work without proper training or without the proper personal protection equipment. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents. DuPont shall have no liability for the use of or results obtained from such information, whether or not based on DuPont's negligence. DuPont shall not be liable for (i) any damages, including claims relating to the specification, design, fabrication, installation, or combination of this product with any other product(s), and (ii) special, direct, indirect or consequential damages. DuPont reserves the right to make changes to this information and to this disclaimer. DuPont encourages you to review this information and this disclaimer periodically for any updates or changes. Your continued access or use of this information shall be deemed your acceptance of this disclaimer and any changes and the reasonableness of these standards for notice of changes..

Copyright© 2018 E. I. du Pont de Nemours and Company. The Corian® Solid Surface Logo and Corian® are trademarks of E. I. du Pont de Nemours and Company or its affiliates. All rights reserved.