

# USER MANUAL

## DUPONT™ CORIAN® CHARGING UNIT



**Corian®**

CHARGING SURFACE



# IMPORTANT PLEASE RETAIN YOUR INSTRUCTION BOOK FOR FUTURE USE

In the event that you need some assistance with your DuPont™ Corian® Charging Unit, please contact our Evolution of Services Customer Service Team on **0800 267 426**. Alternatively, visit us on our website at **[www.corian.co.nz](http://www.corian.co.nz)**.

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# DUPONT™ RECOMMENDS SAFETY FIRST

At DuPont™, we believe that safe performance is the first priority in any product, so that you, our valued customer can confidently use and trust our products. We ask that any electrical product that you use be operated in a sensible fashion with due care and attention based on the following important operating instructions;

## **IMPORTANT SAFEGUARDS FOR YOUR DUPONT™ CORIAN® CHARGING UNIT**

- Carefully read all instructions before operating the DuPont™ Corian® Charging Unit for the first time and save for future reference.
- Remove and safely discard any packaging material before using the Charging Unit for the first time.
- This Charging Unit has been designed specifically for the purpose of wirelessly recharging smart phones and other devices, such as small tablets. Larger tablets may charge, but at a much slower rate. Under no circumstances should this product be used for any other purpose.
- Avoid locating the Charging Unit in proximity to locations where the device being charged may get wet, exposed to excessive heat or any other conditions which may damage the device being charged.
- Do Not install next to heat sources (such as stoves) or where heat sources are commonly used (toasters, hotplates etc)
- Avoid locating the Charging Unit too close to the edge of a benchtop where charging devices can be easily knocked off the surface.
- Avoid locating the Charging Unit above heat or moisture generating appliances such as dishwashers, warming drawers, wine refrigerators etc.
- If installing the Charging Unit above a drawer, make sure there is sufficient clearance, including the drawer contents.
- Install the Charging Unit where it will be accessible. If there is a warranty replacement you will need to be able to remove and replace the Charging Unit.
- If more than one Charging Unit is to be installed, they should be at least 150mm from each other (from edge to edge).
- Always ensure the Charging Unit has been properly installed before use. Refer to the instructions on our website for more information at [www.corian.co.nz](http://www.corian.co.nz).
- The Charging Unit is supplied with it's own power lead and CANNOT be substituted with any other lead or hard wired into an installation. In many cases an AC Power outlet will need to be installed into your cabinetry where the Charging Unit is to be installed. Local codes must be followed and the AC outlet must be installed by a licensed electrician.

- The Charging Unit has a built in LED light. Once you have plugged in the unit and turned it on, a green light will blink once.
- The Charging Unit is not intended to be operated by means of an external timer or separate remote control system.
- To protect against electric shock, do not immerse the Charging Unit, power cord or power plug in water or allow moisture to come in contact with these parts.
- Some form of cable management may also be required (conduit, clips etc) to ensure safe operation of the Charging Unit.
- Keep the surface area clean where the Charging Unit will be operating.
- No metal object (eg. screws, bolts and staples) should be placed between the Charging Unit and the Corian® surface to which it will be installed.

### **IMPORTANT SAFEGUARDS FOR ALL ELECTRICAL APPLIANCES**

- Fully unwind the power cord before use.
- Do not let the power cord hang over the edge of a bench or table, touch hot surfaces or become knotted.
- To protect against electric shock do not immerse the power cord, power plug or appliance in water or any other liquid.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- It is recommended to regularly inspect the appliance. To avoid a hazard do not use the appliance if power cord, power plug or appliance becomes damaged in any way. Contact our Customer Service Team on 0800 267 426 if you require an examination and/or repair.
- Any maintenance other than cleaning should be performed by an authorised DuPont™ Service Agent.
- Do not use this appliance for anything other than its intended use. Do not use in moving vehicles or boats. Do not use outdoors. Misuse may cause injury.
- The installation of a residual current device (safety switch) is recommended to provide additional safety protection when using electrical appliances. It is advisable that a safety switch with a rated residual operating current not exceeding 30mA be installed in the electrical circuit supplying the appliance. See your electrician for professional advice.
- The socket-outlet shall be installed near the Charging Unit and shall be easily accessible.

# YOUR DUPONT™ CORIAN® CHARGING UNIT



Some smart phones/devices already include built-in support for wireless charging. If your device does not have this capability, you can enable your device by plugging a wireless charging ring (sold separately) into its charging port.



# OPERATING INSTRUCTIONS

## BEFORE FIRST USE

The DuPont™ Corian® Charging Unit is compliant with PMA and Qi wireless charging standards. The Charging Unit is tuned for best performance through 8mm of Corian® solid surface. Due to the precise routing required, the installation must be done by an Authorised Corian® Fabricator prior to surface and Charging Unit installation.

It is recommended that you verify the Charging Unit is operational, by plugging it in and checking that the green LED light blinks once.

## OPERATION OF YOUR CHARGING UNIT

1. Mark the charging location on your Corian® surface. Options for marking the charging spot may include a permanent mark, either a highly visible mark or a subtle mark that blends with the background colour of your Corian® surface. A highly visible mark may be preferred in environments where multiple users will be using the Charging Unit and aren't familiar with the area. Subtle or temporary markings may be more appropriate where there are a limited number of users that will become familiar with the location over time.
2. Some smart phones/devices already include built-in support for wireless charging. If you are charging a device with this capability, simply position the device over the charging spot and your device will begin to charge.
3. Your device's screen will light up to acknowledge when charging begins.
4. If your device does not have built-in support for wireless charging, you can enable your device by plugging a wireless charging ring (sold separately) into its charging port. We recommend the PMA compliant charging rings shown in this user guide.
5. If you are using a wireless charging ring to charge your device, you will need to plug it into your device, then position the void of the wireless charging ring in the centre of the charging spot that you have marked on your benchtop. Charging will then begin.

# FAQs

## **Q. HOW DOES WIRELESS CHARGING WORK?**

A. Wireless power, also known as inductive coupling, uses narrow magnetic fields that are a natural part of how electrical current moves through wires. It starts by creating a magnetic field around a hidden electrical coil. The receiving device has a hidden coil that can receive the magnetic energy created, thereby transferring power wirelessly.

## **Q. WHAT DO I NEED TO CHARGE MY DEVICE?**

A. Some devices already include built-in support for wireless charging. If your device does not have this capability, you can enable your device by plugging a Powermat® wireless charging ring into its charging port or by using a case specifically designed for wireless charging. Please note – some types of device cases such e.g. heavy duty or particularly bulky, may need to be removed before charging can commence.

## **Q. DOES DUPONT™ OFFER AN ADAPTER FOR MY EXISTING DEVICES?**

A. DuPont™ offers a Powermat® Wireless Charging Ring which acts as an adapter. It comes in several different variations depending on the type of device you have. The Ring is plugged into your device's charging port and acts as a receiver of the magnetic energy created by the technology embedded in the DuPont™ Corian® solid surface. Visit our website at [www.corian.co.nz](http://www.corian.co.nz) to learn the latest news on compatibility or call Evolution of Surfaces Customer Services to arrange to purchase more rings.

## **Q. IS THE CHARGING UNIT AVAILABLE FOR RESIDENTIAL OR COMMERCIAL APPLICATIONS?**

A. Both. For all applications, we offer the Individual Wireless Charging unit. This is a single charging unit that, once installed, is a plug-and-play system that works instantly for those who are ready to charge up. With the ability to install one or a series of units for multiple users, the Individual Unit creates a seamless solution for most settings. Please note – each Charging Unit will require its own power supply.

## **Q. IS WIRELESS CHARGING FASTER THAN WIRED CHARGING?**

A. Wireless charging receivers will charge your phone at approximately the same rate as wired charging.



**Q. CAN YOU CHARGE OTHER DEVICES BESIDES SMARTPHONES?**

A. Yes, DuPont™ Corian® Charging Unit uses technology that is scalable and versatile. It can be used to charge a range of devices depending upon the specific makeup of the wireless charging spots. Most wireless charging spots are initially configured to support smartphones and other devices, such as small tablets. Larger tablets may charge, but at a much slower rate. Please note – only one device can be charged at any time on a single Individual Charging Unit.

**Q. CAN THE CHARGING UNIT BE USED WITH SURFACE PRODUCTS OTHER THAN CORIAN®?**

A. No. This DuPont™ Corian® Charging Unit has been designed and tested in conjunction with Corian® only.

**Q. IS IT POSSIBLE TO RETROFIT THE CHARGING UNIT TO AN EXISTING CORIAN® SURFACE?**

A. These units are primarily designed to be fitted to new Corian® surfaces. Retro-fitting may be possible but it can only be done by totally removing the Corian® surface and there must be adequate space and an appropriate power connection.

**Q. CAN ANYONE INSTALL THESE CHARGING UNITS?**

A. No. This work must be undertaken by an Authorised Corian® Fabricator.

**Q. DOES THIS UNIT PROVIDE WI-FI?**

A. No. The Charging Unit is purely a charging device.

# DUPONT™ CORIAN® CHARGING UNIT 1-YEAR LIMITED CONSUMER WARRANTY

## WHAT IS COVERED BY THIS LIMITED WARRANTY

This limited warranty applies to charging devices originally installed into a DuPont™ Corian® solid surface or installation after August 10, 2016 in New Zealand by an Authorised Corian® Fabricator/Installer. ("the Device").

This warranty is provided to the original owner of the installed Device. Subject to the conditions below, this warranty is transferable to the next purchaser of a home providing the new owner notifies DuPont™ of the transfer to the new owner.

## WHAT DUPONT™ WARRANTS THE PRODUCT WILL DO

DuPont™ warrants that the Device will meet or exceed DuPont™'s product specifications for a period of 1-year from the date of original purchase.

## WHAT IS NOT COVERED BY THIS LIMITED WARRANTY

This warranty is specific only to the Device, and does not cover improper, incorrect or defective installation. DuPont™ designed and tested the Device for use in DuPont™ Corian® surface installations, and cannot guarantee its compatibility with other surface installations.

This warranty does not cover the surface installation into which the Device is installed. (DuPont™ offers a separate warranty for Corian® surfaces, available at [www.corian.co.nz](http://www.corian.co.nz)).

The Device warranty does not apply to damage caused by negligence, gross negligence, or the willful misconduct of the owner, subsequent owners, installer or anyone performing work on the Device or the installation. This warranty also does not apply to damage caused by physical, chemical or other abuse, damage from excessive heat, use in applications other than as a charging device in a DuPont™ Corian® installation, vandalism or

attack by any party, or acts of nature. "Physical, chemical or other abuse" includes any use of the device that is unreasonable considering the normal and expected use of such device in a residential installation, and includes, but is not limited to, damage from vandalism or exposure to liquids. "Acts of nature" include, but are not limited to, exposure to the outdoors, weather effects and fire.

This warranty is not available to you if the basis of your claim is that after, or during installation, you decided that you do not like the technology.

This warranty does not cover wireless charging products made by other suppliers or manufacturers, nor does it cover installations of DuPont™ charging devices which are not performed by Authorised Corian® Fabricators/Installers. This warranty does not cover DuPont™ charging devices unless they have been installed in DuPont™ Corian® solid surfaces and are compatible with the Device, as determined solely by DuPont™.

Neither DuPont™ nor Neosen will be responsible for the cost of labor incurred in replacing the charging device.

## WHAT REMEDY IS AVAILABLE

When all the conditions of this warranty are met, DuPont™'s vendor for the charging device, Neosen Energy, LLC ("Neosen"), will provide a replacement charging device and replacement instruction to the end customer on behalf of DuPont™ free of charge. The determination whether the charging device fails to meet specifications lies solely with Neosen and DuPont™. In the event of a disagreement between Neosen and DuPont™ on whether the device meets specifications, the final decision will be within DuPont™'s discretion.

## HOW TO OBTAIN WARRANTY SERVICE

To obtain information and service under this warranty, contact the DuPont™ Corian® New Zealand Distributor – Evolution of Surfaces on 0800 267 426 or [www.corian.co.nz](http://www.corian.co.nz).

***You must contact Evolution of Surfaces within 45 days of discovering an issue or nonconformance with the product that you believe may entitle you to a warranty claim.*** Failure to timely notify Evolution of Surfaces may result in denial of your claim.

## LIMITATION OF REMEDIES

DuPont™'s obligation to you is limited solely to replacement of the charging device purchased, including necessary reasonable shipping charges as noted above. No implied or expressed warranty of merchantability or fitness for a particular purpose is granted by this warranty except as expressly stated herein. Except as provided herein, DuPont™ shall not be liable in either tort or contract for any loss or direct, consequential or incidental damages arising out of the use or inability to use the DuPont™ charging device. You shall reasonably cooperate with DuPont™, Neosen, or their representatives in their efforts to perform their obligations under these warranties.

To qualify for product replacement, the owner must provide the original sales receipt or other documentation acceptable to DuPont™ and Neosen which demonstrates proof of purchase of the Device, clearly showing both the date of installation and identifying the Authorised Corian® Fabricator/Installer who performed the installation.

The foregoing is the only warranty made by DuPont™ for this DuPont™ charging Device. This warranty is not a performance warranty, and is limited to the charging device meeting the specifications. No representative, dealer or any other person is authorised to make or makes any warranty, representation or promise on behalf of DuPont™ with respect to such products. No terms or conditions other than those stated herein or provided by law, and no agreement or understanding, oral or written, in any way purporting to modify this warranty shall be binding upon DuPont™ unless made in writing and signed by an authorised employee of DuPont™.

To the extent that any portion of this warranty statement is found to be inconsistent with New Zealand law, this warranty shall be deemed changed only to the extent necessary to be consistent with such New Zealand law.

## HOW NEW ZEALAND LAW MAY APPLY

This warranty gives the purchaser specific legal rights; other rights may also be available which may vary from country to country.

## FOR MORE INFORMATION

For more information about this warranty, please contact Evolution of Surfaces directly by writing or calling:

Evolution of Surfaces Ltd  
PO Box 24 365  
Royal Oak  
Auckland 1345  
Phone: 0800 267 426



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# Corian®

CHARGING SURFACE

Visit [www.corian.co.nz](http://www.corian.co.nz) or  
call **0800 267 426** for more info.



**EVOLUTION**  
*of* SURFACES —————