

AC[®]
STONE GROUP

N⁺

TECHNOLOGY



S P E C S H E E T S

www.acstone.com.au

REVOLUTIONARY LEAP FORWARD IN SILICA FREE SURFACES BOUGHT TO YOU BY AC STONE

N+ Technology (N+ Tech) is AC Stone's breakthrough surface innovation, designed to take our ArtsCutZERO silica-free stone into a new era of design and performance. Using advanced high-definition inkjet print technology, N+ Tech delivers an unprecedented level of **detail, depth, and realism** while maintaining the strength, practicality of modern silica-free stone surfaces. From subtle veining to intricate textures and bold natural patterns, N+ Tech makes it possible to achieve what was once unimaginable in reconstituted stone surfaces.

This innovation allows AC Stone to offer a surface that is not only safer but also more versatile, providing relevant parties with endless design freedom while maintaining the proven durability and low maintenance of our silica-free surfaces.



N+ Technology Features:



HIGH DEFINITION PRINT

Unrivalled definition with ultra-fine detail, where every line is clean, precise, and seamlessly refined. Nano print technology delivers extraordinary depth and striking visual impact in every stone surface.



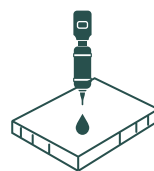
STRENGTH & DURABILITY

The nanoparticles embedded in the N+ technology surfaces deliver superior resistance to scratches, stains and microbes while enhancing optical brilliance. A next-generation material designed for lasting beauty and effortless maintenance.



DEPTH AND TRANSLUCENCY

AC Stone's N+ Technology creates a three-dimensional appearance, mimicking the depth, translucency and veining of natural stone. A true-to-nature appearance with uncompromising quality, showcasing deep patterns and marble-like translucency.



DEEPER INK INFUSION

AC Stone's N+ Technology uses Nano Ink to penetrate colour deep within the surface, producing richer, more vibrant designs, far beyond standard printed or traditional reconstituted stone.



INTERNAL COLOUR

Consistent colour tones are maintained throughout the slab, delivering exceptional light reflection, brightness and contrasting appearance.



FULL BODY DESIGN

With full-body performance, N+ technology combines traditional slab fabrication methods for the base material with advanced nano-ink print technology to create the surface pattern. This approach ensures that colour and texture are consistently integrated throughout the slab while achieving the authentic 3D character of natural stone.

FABRICATION TIPS: EDGES

20MM / DOUBLE LAYER 40MM EDGES

With AC Stone's ArtsCutZERO surfaces powered by N+ Technology, **20mm polished edges or a 40mm laminated edge** can be executed; however, after polishing, the colour may not be 100% identical to the surface.



THERMAL FORMING EDGES

With AC Stone's ArtsCutZERO surfaces powered by N+ Technology, **thermal-formed edges can be successfully executed**. The through-body composition ensures the pattern extends consistently throughout the slab, enabling seamless curved or shaped edges without exposing a white core.

- Thickness: 20mm
- Edge profiles: 40mm to 200mm

This innovation delivers enhanced design flexibility and a refined alternative to conventional mitering, ensuring both structural performance and aesthetic continuity.

Thermal forming must only be performed by qualified and experienced professionals, using appropriate equipment and fabrication methods. AC Stone accepts no responsibility for damage, failure, or performance issues resulting from improper handling, fabrication, or installation.



FABRICATION TIPS: WATERFALL

AVOID POLISHING ON WATERFALL JOINTS

AC Stone's N⁺ through-body nano-ink print technology is engineered for seamless edge applications. **Polishing the waterfall edge is not recommended**, as it can disrupt the printed surface detail and alter the intended appearance. The correct approach is to maintain a square, unpolished edge, allowing the design to flow naturally and ensuring the aesthetic integrity of the surface. This non-polished finish is a standard and purposeful feature of ArtsCutZERO N⁺ fabrication, highlighting the unique characteristics of nano-ink print technology.

Edge finishing must only be performed by qualified and experienced professionals, using appropriate equipment and fabrication methods. AC Stone accepts no responsibility for damage, failure, or performance issues resulting from improper handling, fabrication, or installation.

THERMAL FORMING WATERFALL PANELS

AC Stone ArtsCutZERO N⁺ technology surfaces **can be thermoformed to achieve curved applications**. When appropriately heated and reduced in thickness, the material becomes sufficiently flexible to be shaped into smooth, rounded profiles. This process allows for versatile design solutions while ensuring the durability and performance characteristics of ArtsCutZERO N⁺ surfaces are maintained.

Thermal forming must only be performed by qualified and experienced professionals, using appropriate equipment and fabrication methods. AC Stone accepts no responsibility for damage, failure, or performance issues resulting from improper handling, fabrication, or installation.



FABRICATION TIPS: ARRIS EDGE POLISHING

THERE WILL BE A NOTICEABLE COLOUR VARIATION ON THE ARRIS EDGE AFTER POLISHING.

Due to the use of N+ technology, the body colour of the slab differs slightly from the surface finish. As a result, when the arris (chamfer) edge is polished, a visible line may appear along the edge – similar to the effect seen on sintered stone after chamfering.

To minimise this visual difference, we recommend:

- Keeping the arris as narrow as possible (around 2 mm).
- Using colour-matched adhesive that closely resembles the selected stone colour.

These steps will help reduce the appearance of the contrast line and maintain a more consistent overall finish.



PITT COOKING COMPATIBILITY

AC STONE'S ARTSCUTZERO SURFACES POWERED BY N⁺ TECHNOLOGY IS ENGINEERED FOR FULL COMPATIBILITY WITH PITT COOKING.

PITT Cooking is an integrated gas cooking system where individual burners are mounted directly into the benchtop surface, with all technical components concealed beneath. This creates a minimalist cooking layout with wide burner spacing, allowing multiple pots and pans to be used simultaneously while maintaining a clean, streamlined aesthetic.

AC Stone's ArtsCutZERO surfaces powered by N⁺ Technology is engineered for full compatibility with PITT Cooking installation requirements when fabricated according to PITT's stone worktop guidelines regarding benchtop thickness, reinforcement, and cut-out specifications.

Key Features

- Silica-free engineered surface designed to be a safe alternative to traditional quartz, compliant with Australian standards.
- High heat resistance suitable for PITT's integrated burner installation when fabricated according to PITT's approved parameters.
- Printed surface technology delivers high-definition patterns with the appearance of natural stone while maintaining structural consistency.
- Seamless, modern design achieved through under-bench integration of the PITT burner components.
- Easy to clean with no traditional cooktop frame, enhancing hygiene and daily use.




N+ Tech Products

Design
Luxe
ArtsCutZERO

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Austral Dream 
AC6008



Borghini Gold
AC6009




Dolomite
AC6010




Santorini Gold
AC6011



Monaco Drift 
AC6012



Aurora Luna 
AC602



Monaco Drift
AC6012



Borghini Gold
AC6009

ArtsCutZERO

Introducing ArtsCutZERO, a revolutionary innovation specifically for crystalline-free surfaces. Crafted with a strong commitment to sustainability and unparalleled quality, ArtsCutZERO surfaces offer the perfect blend of sophisticated aesthetics and effortless maintenance. This easy-to-clean, durable centerpiece is built to remain a timeless feature of your home for years to come.



EFFORTLESS DAY-TO-DAY CLEANING

AC Stone® ArtsCutZERO surfaces require very little maintenance to maintain their new appearance. We recommend wiping the surface with warm soapy water (using a mild detergent) and a clean, damp cloth. Avoid using the cloth you use for washing dishes, as it could transfer oils and other contaminants to the AC Stone® surface.



NON-POROUS & NO ADDITIONAL SEALANT REQUIRED

As AC Stone® ArtsCutZERO is virtually non-porous, it will never require sealing. Its low moisture absorption is resistant to stains caused by wine, fruit juices, liquid food colouring, tea and spices with strong colours. Never attempt to polish the surface. Avoid prolonged rubbing in one spot while cleaning.



AVOID HARSH CHEMICALS

As with any surface, AC Stone® ArtsCutZERO can be permanently damaged by exposure to strong chemicals and solvents that undermine its physical properties. Do not use products that contain trichloroethane or methylene chloride, such as paint removers or stripper. Avoid all contact with highly aggressive cleaning agents like oven cleaners that have high alkaline/pH levels. Should the surface be accidentally exposed to any of these damaging products, rinse immediately with water to neutralize the effect.



HEAT CAUTION

Placing hot items directly onto your AC Stone® ArtsCutZERO surface is not recommended. Although AC Stone® ArtsCutZERO is heat resistance, excessive localised heat may result in damage to your AC Stone® ArtsCutZERO due to thermal shock.



FOOD PREPARATION

We always recommend cutting on an appropriate cutting board and never directly on the AC Stone® ArtsCut Zero surface to avoid blunting kitchen knives or damaging the surface of your bench top. Do NOT cut food directly on an AC Stone® ArtsCut Zero bench top.

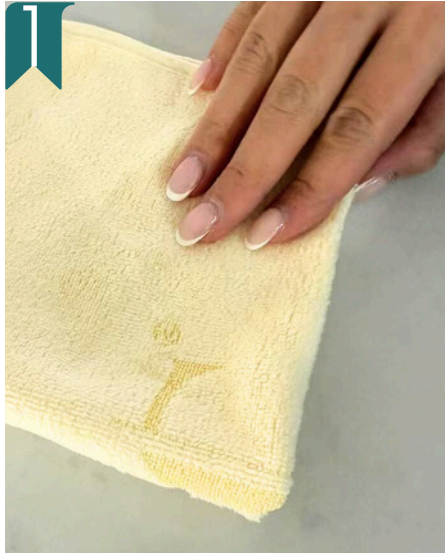
MATT FINISHES

AC Stone® Concrete and Matt Finish designs offer the same exceptional stain and scratch resistance as our polished surfaces. They require no sealing, and are easy to clean. However, the matt & concrete finish is less effective at hiding marks compared to polished surfaces, so more frequent cleaning may be necessary.



A VISUAL GUIDE

THE TWO WAYS TO CLEAN YOUR ARTSCUT ZERO SURFACE



DAY-TO-DAY CARE

Wipe surface with warm soapy water and a clean, damp cloth



THOROUGH CLEAN & STUBBORN STAINS

AC Stone Cream Cleanser

AC STONE CREAM CLEANSER

THOROUGH CLEAN & STUBBORN STAINS



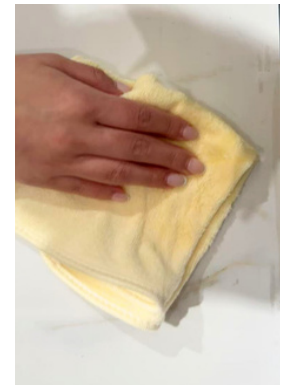
Wipe away residue with paper towel.



Drench the microfiber cloth with warm water.



Squeeze a reasonable amount of AC Stone Cream Cleanser on the microfiber cloth



Using gentle circular motions, carefully wipe the stained area without applying excessive pressure. Remember to wipe away any residue with a clean, damp cloth afterward.

WARRANTY REGISTRATIONS

Have you registered your AC Stone® 15 Year Limited Warranty yet? Register your purchase of AC Stone® ArtsCutZERO within 90 Days of purchase date to qualify.

Simply register online at www.acstone.com.au/register-warranty to receive a complimentary AC Stone® Cleaning Kit, designed to help you maintain your surface for years to come.



AC[®] STONE GROUP

Visit acstone.com.au for a full list of reseller display locations:

New South Wales

(02) 9709 6809

63 Fairford Rd, Padstow NSW 2211

21-23 Gov Macquarie Dr, Chipping Norton NSW 2170

Victoria

(03) 9311 9899

171-173 Fairbairn Rd, Sunshine West VIC 3020

7/444 Warrigal Rd, Heatherton VIC 3202

Queensland

(07) 3462 0128

3351 Pacific Highway, Slacks Creek QLD 4127

Tasmania

(61) 457 995 951

4-8 Gepp Parade, Derwent Park TAS 7009



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