

## Why choose the Stoneology 'benchmark' series?

- One of the hardest quartz engineered stones on the NZ market. Extremely durable and scratch resistant
- Stoneology 12 year Warranty for peace of mind
- Stylish colours with consistent colour throughout
- Large sheet size of 3040 x 1420 allows for more economical use
- 10mm full depth of colour makes it ideal for under-mount sinks
- Stain, heat and acid resistant
- Maintenance free – warm soapy water as a daily clean
- Non-porous - never requires sealing



**A wide variety of applications:** Due to its unique properties and generous sheet size, the 'benchmark' series is suited to a wide variety of applications, including benchtops, vanity tops, counters, splashbacks, commercial interiors, hearths, flooring, shower and wall linings.

**Impervious surface:** The 'benchmark' series has been created for easy care and requires minimal maintenance due to its properties, in particular its organic polymer resin which gives the product an impervious surface. For this reason our stone surfaces do not require sealants or waxes.

Daily cleaning is as simple as wiping the surface with a soft cloth and a mild detergent mixed with warm water.



## Technical Information

DESCRIPTION	*STANDARD	RESULT
Water Absorption	ASTM D570	0.03
MOH's Hardness	ASTM D785	6.2-7.2
Thermal Expansion	ASTM D696	X-5 1.8
Modulus of Rupture	ASTM D638	28.27MPa
Tensile Strength	ASTM D638	28.27MPa
Izod Impact	ASTM D256	Complies
Abrasive Index	ASTM D4060	Complies
Chemical Resistance	ANSI Z124.6	Complies
Heat Resistance	ANSI Z124.6	Complies
Weatherability	ASTM D1499	Complies
Stain Resistance	ANSI Z124.6	Rating 45 (Maximum allowed 64)
Flame Resistance	ASTM E84	Meets Class A flame spread of 25 or less
Gloss	ANSI Z124	Gloss Nema LD3 @ 60degrees = 18.5
Deflection	ASTM D648	Deflection temperature 91 celsius

**Sheet Specifications:** Size: 3040 x 1420 x 10mm (+/-0.5mm).  
Weight: 100kg approximately (+/- 1kg)

\*Independently tested to international standards by Universal Laboratory, Garland, Texas, USA. 28/11/2007. Stoneology accept no responsibility for the accuracy of these results.

## Care & Maintenance

The following guidelines will ensure you have a fabulous looking benchtop for many years to come.

**General cleaning:** Your daily maintenance should consist of wiping the benchtop surface with a soft sponge or cloth and warm soapy water (mild detergent)

**Stains and difficult spills:** To remove these, use a non abrasive household cleaner such as Simple Green along with a soft damp cloth. A general window cleaner also works well. Clean with gentle pressure to remove the stain and then rinse the surface down with fresh warm water to remove all residues.

**Chemicals:** Do not expose your benchtop surface to chemicals such as turpentine, acetone, nail polish remover etc. If you do, clean off immediately with warm soapy water.

**Heat protection:** Do not place directly on your benchtop surface hot baking dishes, pots or pans as this may cause thermal shock or discolouration damage. Always use a separate heat mat or coaster designed for placing under hot dishes.

**Cutting:** Do not cut directly on your benchtop – always use a cutting board to help maintain the look of your benchtop for years to come.



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the benchmark  
**stoneology**

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quality quartz stone for your new benchtop

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