

**勝寶鼎**

**WINTOP**

專業石英石/人造石加工

*Quartz Stone & Acrylic Solid Surface*

STONE  
ITALIANA

QUARTZFORMS

wili stone

HANDSOME STONE

GetaCore®

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勝寶鼎實業股份有限公司  
WIN TOP INDUSTRIAL CO., LTD



新弘關係企業  
SHING HWANG GROUP

## 關於勝寶鼎 / About WIN TOP INDUSTRIAL CO., LTD.

勝寶鼎於正式成立前已在系統廚櫃深耕數十載，擁有板材進口採購、案場施作、成品安裝的一條龍作業流程，鑒於市場與客戶需求，於西元2020年成立勝寶鼎實業(股)公司，廠房佔地2000坪為中部最大石材加工中心。旗下擁有石英石與人造石兩部門，各自獨立接案、備有專業加工機械、專責安裝團隊，各司其職、相輔相成，至今已承接上萬個案子，作品遍佈居家住宅、公家機關、教育機構、優質建案、飯店商旅、餐飲集團等...

WIN TOP has been deeply involved in system kitchen cabinets for decades before its official establishment. It has a one-stop operation process of Material purchase & import, on-site construction, and finished product installation. In view of market and customer needs, WIN TOP INDUSTRIAL CO., LTD was established in 2020, the factory covers an area of 6600 SQMT and is the largest stone processing center by middle of Taiwan. It has two departments: Quartz stone and Acrylic Solid surface which take cases independently, has professional processing machinery, and dedicated installation teams. So far, it has undertaken tens of thousands of cases, and its works can be found in homes, government agency, and educational institutions. High-quality construction projects, hotels, business hotels, catering groups, etc...

## 部門介紹 / DEPARTMENT



### 石英石 / Quartz stone processing Dept.

擁有義大利STONE ITALIANA、德國QUARTZ FORMS®、崑麗石等...優秀品牌的石英石，花紋豐富多元，以滿足各式客戶需求，引進歐洲精密加工機械設備提升加工品質及精準度，勝寶鼎更是少數能製作法式花邊與飛翼造型的檯面加工廠。

It imports excellent brands of quartz stone such as STONE ITALIANA from Italy, QUARTZ FORMS® from Germany, Wili stone etc., with rich colors & patterns to meet the needs of various customers. It also introduces European precise processing machinery and equipment to improve processing quality and accuracy. WIN TOP also is one of the few countertop processing factories that can produce special styles and difficult shapes.



### 人造石 / Solid surface Dept.

採用德國Getacore康麗人造石、韓星石等卓越的人造石品牌，挖掘培養專業加工人才，落實設計師的藍圖與商空設計，持續創新並超越客戶期待。

Use excellent acrylic solid surface brands such as Getacore sheets from Germany, Handsome stone from South Korea. Train professional processing personnel, fulfill the designer's blueprint and design, continue to innovate and exceed customer expectations.

## 勝寶鼎 / 加工設備

### 專業石材加工設備

WINTOP / EQUIPMENT  
PROFESSIONAL PROCESSING EQUIPMENT

勝寶鼎引進歐洲高度先進的石材科技解決方案 - 石材自動化加工設備

適用多樣化工作環境、可做大型板材加工，具備數種專業石材加工性能，鑲嵌、研磨、拋光、造形切割、挖孔、浮雕等各式檯面造型工藝。

We installed Europe's high-tech automated stone processing equipment Suitable for diverse working environments.

It can be used for large-scale slab processing. It has several professional stone processing capabilities, including inlaying, grinding, polishing, special shape cutting, drilling, carving and other countertop modeling techniques

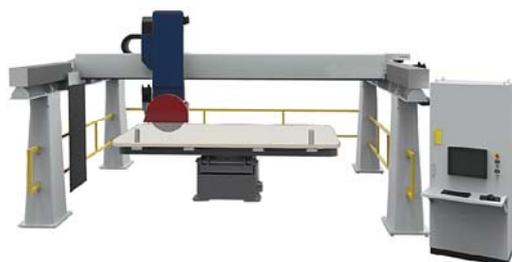
### 義大利 CNC加工中心 ITALY PC NUMERICALLY CONTROLLED PROCESSING CENTRE



### 專業石材加工設備

#### PROFESSIONAL PROCESSING EQUIPMENT

- 1 義大利 CNC加工中心  
Italy PC Numerically Controlled Processing Centre
- 2 橋切機  
Whole Bridge Sawing Machine
- 3 水刀切割機  
Water jet cutting Machine.
- 4 特殊角度加工機  
Special angle Processing equipment.





10000+

案場施作&安裝經驗

CASE SCENE CONSTRUCTION& INSTALLATION EXPERIENCE



## 石英石系列 QUARTZ STONE SERIES



1400x3050x12mm



1350x3030x13mm  
1350x3030x15mm  
1350x3030x20mm

# wili stone

1400x3000x15mm

### QF 德國 康麗石英石 QUARTZFORMS

卓越的通用性、衛生抗菌、唯美呈現、品質保證

Excellent versatility, Hygienic antibacterial, Beautiful, presentation

我們的產品是通過Bretonstone®獨家技術製程而成的最尖端技術發展的成果，其無與倫比的品質已獲得世界建築師和設計師的信賴。

Our products are the result of cutting-edge technological development through Bretonstone®'s exclusive technical process. Its excellent quality has earned the trust of architects and designers around the world.

### IT 義大利 石英石 STONE ITALIANA

歐洲頂級環保石材

Top and environmental friendly stone in Europe

義大利維納石為LEED®綠色建築委員會的一員，長期致力於保護環境平衡、降低VOCs排放量，減少能源和水的消耗，發展環保材料，確保產品對環境和人類的安全責任。

Stone Italiana is a member of the LEED® Green Building Committee and has long been committed to protecting the environmental balance, reducing VOC emissions, reducing energy and water consumption, developing environmentally friendly materials, and ensuring product safety responsibilities for the environment and humans.

### WL 崑麗石石英石 WILI STONE

質地細膩、光滑亮麗的表面、極具設計感的紋理饒富趣味

The texture is fine, the surface is smooth and bright, and the texture with a sense of design is full of interest.

崑麗石石英石採天然90%以上之石英晶體，材質堅硬耐磨。質地細膩、表面光滑亮麗、極具天然感的紋理、色差小、無毛細孔、低吸水性、抗腐、耐酸鹼、易清理之優良特性，是新時代的環保建材。

Wili stone is made from more than 90% natural quartz crystals, and the material is hard and wear-resistant. It has fine texture, smooth and bright surface, natural texture, small color difference, no pores, low water absorption, corrosion resistance, acid and alkali resistance, and easy cleaning. It is an environmentally friendly building material in the new era.

## 勝寶鼎 / 石英石系列

康麗石英石 熔岩面 / 義大利石英石 岩石面

WINTOP / QUARTZ STONE  
ROCK SURFACE



### 德國 康麗石英石 - 熔岩面



R-QF 9599 熔岩白



R-QF 9475 熔岩灰



R-QF 9465 熔岩黑

### 義大利英石 - 岩石面



R-IT 621 狄蜜特



R-IT 624 波摩納

更多花色歡迎來電洽詢

## 勝寶鼎 / 石英石系列

德國康麗石英石

WINTOP / QUARTZ STONE

QUARTZFORMS



1



2



3

- 1 T-QF 3525 波茨坦
- 2 R-QF 9800 大理石紋
- 3 T-QF 3340 慕尼黑



### 德國康麗石英石

康麗石英石是一種創新材料，由最新技術與堅硬與耐力最強的天然材料完美結合。其構成為92%的石英，7%聚酯樹脂，與1%的色料成分所組成。莫氏硬度達5~6度，吸水率低於0.015%，不吃色。其優異特質可廣泛應用於廚房流理檯、中島與浴室浴櫃之檯面與背牆。

Quartzforms is an innovative material that combines the latest technology with the hardest and most durable natural materials. It is composed of 92% quartz, 7% polyester resin, and 1% colorant ingredients. Mohs scale of mineral hardness reaches 5~6 degrees, water absorption is less than 0.015%, and it is not dyeing. Its excellent characteristics can be widely used in kitchen sinks, kitchen islands and bathroom cabinets on the countertops and back walls.

### 義大利石英石

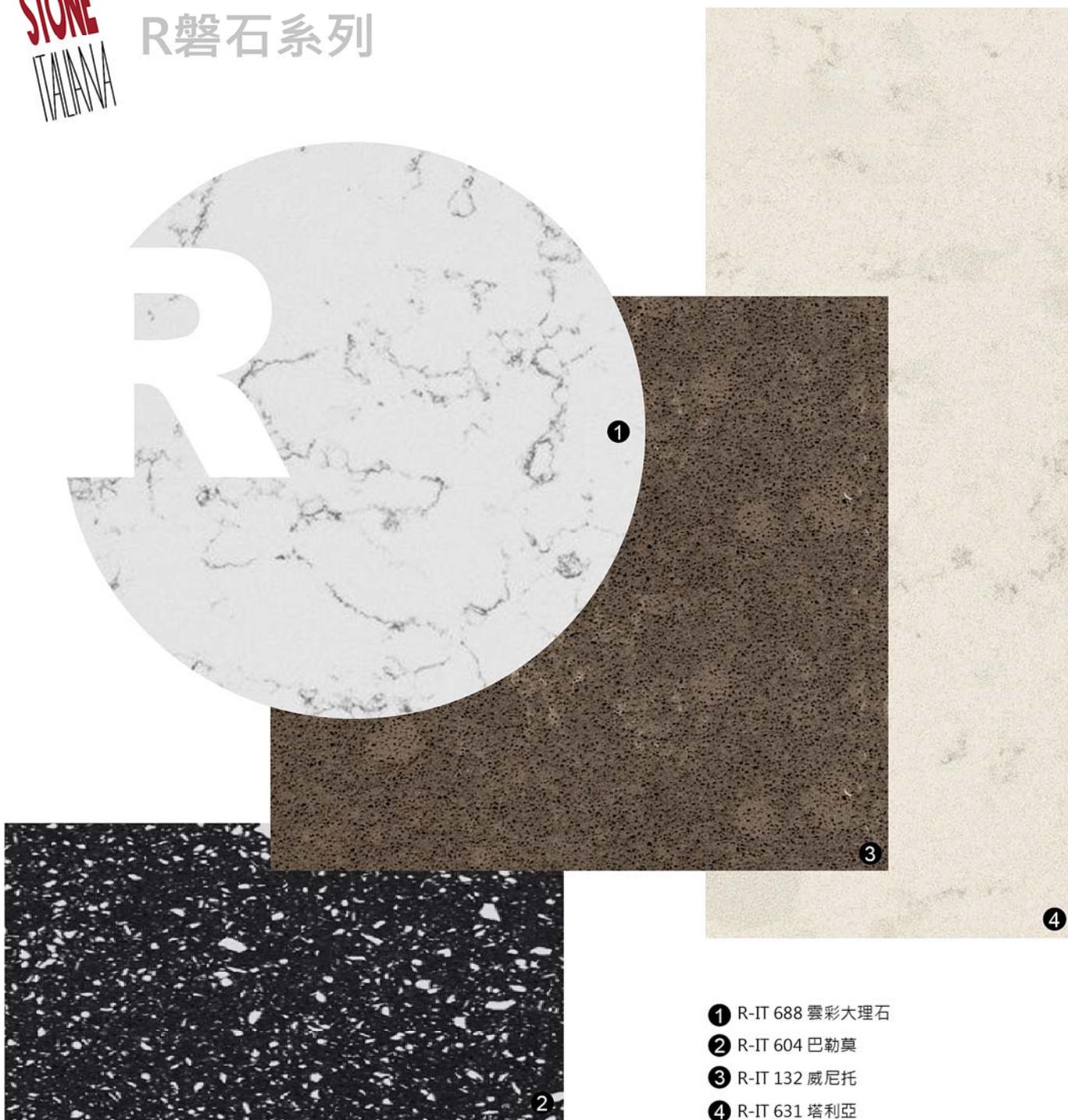
義大利石英石保留了石英的精華，維持材料的特性及其隨時間推移使用的耐用性。具有高水準的抗刮痕、抗污漬和抗衝擊能力，易於維護/清潔特性更確保產品的安全衛生

Stone Italiana retains the essence of quartz, maintaining the material's properties and its durability over time. It has a high level of resistance to scratches, stains and impact, and easy maintenance/cleaning features to ensure the safety and hygiene of the product.

STONE  
ITALIANA

## R 磐石系列

100% Made in Italy



- ① R-IT 688 雲彩大理石
- ② R-IT 604 巴勒莫
- ③ R-IT 132 威尼托
- ④ R-IT 631 塔利亞

勝寶鼎 / 石英石系列

威麗石石英石 石紋系列

WINTOP / QUARTZ STONE

WILI STONE



L9091  
墨玉石

勝寶鼎 / 石英石系列

崑麗石石英石 石紋系列

WINTOP / QUARTZ STONE  
WILI STONE



V8800 雲浮石



L9161 雲峰石

L8861  
冰晶石



V8396 墨花石



V8242 冰紋石



L8860 冰花石

更多花色歡迎來電洽詢

**D** 單層板邊型 (板厚 12~20mm)

D1



D2

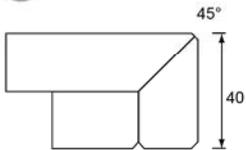


D3

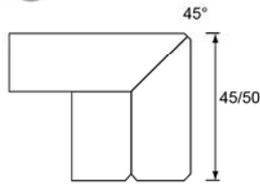


**M** 直邊邊型 (板厚 12~20mm)

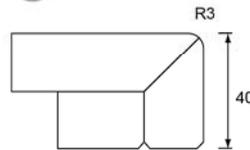
M1



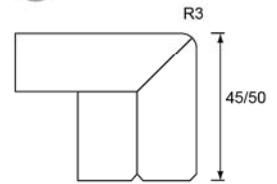
M2



M3

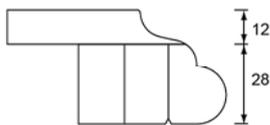


M4

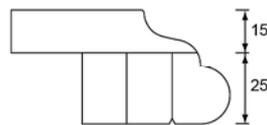


**T** 古典邊型 (板厚 12~20mm)

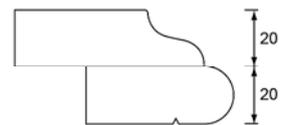
T1



T2

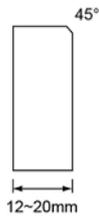


T3



**B** 背牆 (板厚 12~20mm)

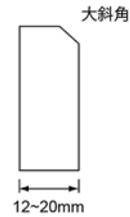
B1



B2



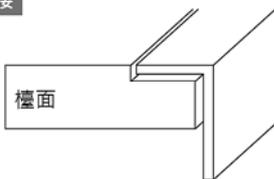
B3



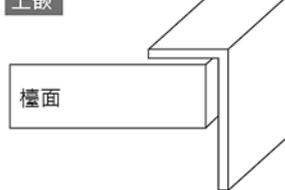
水槽安裝 & 檯面內緣造型

水槽安裝方式

平接



上嵌

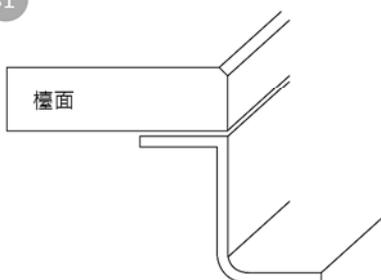


下嵌

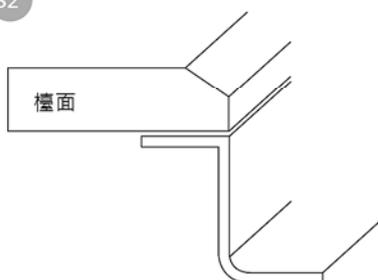


**S** 內緣造型

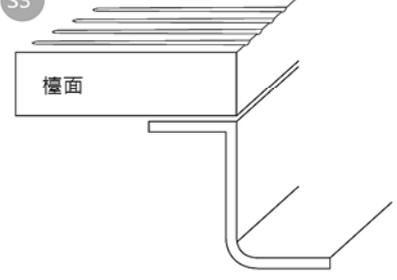
S1



S2



S3



# 勝寶鼎 / 石英石系列

## 認證與檢測報告

WINTOP / QUARTZ STONE

INTERNATIONAL CERTIFICATION & TEST REPORT

### QUARTZFORMS 德國康麗石英石

#### 石英石檢驗數據

測試項目	測試標準	數值範圍
密度	ASTM C 97	2.27-2.48
彎曲強度	ATM C 880	7.74-7.82 PSI (潮溼)
		4.87-8.31 PSI (乾燥)
吸水率	ASTM C 97	.005-.02%
抗壓強度	ASTM C 170	22.08-29.89 PSI (潮溼)
		15.76-29.89 PSI (乾燥)
斷裂負荷	ASTM 648	1207 1340 Lbs
熱膨脹係數	ASTM C 531-0	20.1 to 31.9
		20 to 100C AT(10-6/C-1)
莫式硬度	EN 101	莫式硬度 6-7
抗拉強度	ASTM D 638	17.8MPa
耐磨深度	ASTM C 241	58-63 Index
耐磨力指數	ASTM C 501	113 to 212
防滑性	DIN 51130	V classification wet pendulum
耐化學酸性	ASTM C 560	無變化
防霉性	ASTM G 21	無黴菌生長
毒性	符合 51 NSF/ANSI 食品設備材料標準	
適合廚房檯面使用	EMPFEHLUNG XII BGVV	適合

date 15.01.2015

#### 耐污測試

測試材料	測試結果
醋酸 (10%水溶液)	無明顯影響
阿摩尼亞 (10%溶液)	無明顯影響
紅酒	無明顯影響
檸檬酸 (10%水溶液)	無明顯影響
洗衣精	無明顯影響
咖啡 (80°C)	無明顯影響
氨胺漂液 (2.5%水溶液)	無明顯影響
黑麥克筆	有痕跡
酒精 (48%水溶液)	無明顯影響
etyl-butyl acetane (1:1)	無明顯影響
橄欖油	無明顯影響
可口可樂	無明顯影響
小蘇打	無明顯影響
鹽 (10%水溶液)	無明顯影響
茶 (80°C)	無明顯影響
煉乳	無明顯影響
淡啤酒	無明顯影響

date 15.01.2015

#### 耐污測試-歐美品牌清潔劑

測試材料	測試結果
Aiax bagno	無明顯影響
Spic & span	無明顯影響
Mastro lindo	無明顯影響
Cif multiuse	無明顯影響
Cif wT-ITh bleach	無明顯影響
Finish dishwasher liquid	些許痕跡
Fornet	無明顯影響
Drago pulisan	無明顯影響
Smac brillacciaio	無明顯影響
Baysan multiuso	無明顯影響
Denatured alcohol	無明顯影響
Lyso-form kT-ITchen	無明顯影響
Viakal	無明顯影響
Vetril	無明顯影響
Vim liquid	無明顯影響

date 15.01.2015



### 義大利石英石

#### 石英石檢驗數據

DESCRIZIONE PROVA / DESCRIPTION / CARATTERISTICA PER I DE TESTES	SEMPRE / SEMPRE / NOMRE / NORME / TESTES	UNITA' DI MISURA / UNIT / UNITS	VALORI NOMINALI / DECLARATI VALORI / NOMRE / NORME / TESTES
QUANTIFICAZIONE / QUANTIFICATION / QUANTIFICATION	EN 14617 - 1:2013	%	W <sub>1</sub> ≤ 0,06
Assorbimento d'acqua / Water absorption / Absorption d'eau / Wasseraufnahme / Absorção de água	EN 14617 - 2:2008	MPa	F <sub>1</sub> ≥ 40,0
Resistenza a flessione / Determination of flexural strength / Resistance à la flexion / Biegefestigkeit / Resistência à flexão	EN 14617 - 2:2008	MPa	25,0 ≤ F <sub>1</sub> < 40,0
QUANTIFICAZIONE / QUANTIFICATION / QUANTIFICATION	EN 14617 - 4:2012	mm	A <sub>1</sub> ≤ 29,0 (Gruppi 5-6-7) 33,0 A <sub>1</sub> > 29,0
Resistenza all'abrasione / Determination of abrasion resistance / Resistance à l'abrasion / Abriebfestigkeit / Resistência à abrasão	EN 14617 - 10:2012	min C <sub>1</sub> max C <sub>2</sub>	C <sub>1</sub>
QUANTIFICAZIONE / QUANTIFICATION / QUANTIFICATION	EN 14617 - 10:2012	min C <sub>1</sub> max C <sub>2</sub>	C <sub>1</sub>
Resistenza chimica / Determination of chemical resistance / Resistance chimique / Chemische Beständigkeit / Resistência química	EN 13501 - 1:2009	A <sub>2</sub> -s1	A <sub>2</sub> -s1, s0
QUANTIFICAZIONE / QUANTIFICATION / QUANTIFICATION	EN 13501 - 1:2009	A <sub>2</sub> -s1, s0	A <sub>2</sub> -s1, s0

#### 石英石檢驗數據

DESCRIZIONE PROVA / DESCRIPTION / CARATTERISTICA PER I DE TESTES	SEMPRE / SEMPRE / NOMRE / NORME / TESTES	UNITA' DI MISURA / UNIT / UNITS	VALORI NOMINALI / DECLARATI VALORI / NOMRE / NORME / TESTES
Potere calorifico superiore / Calorific value / Pouvoir calorifique supérieur / Brutto calorífico superior	EN - ISO1716:2002	MJ/kg	2,13 - 2,82
Resistenza allo shock termico / Thermal shock resistance / Résistance au choc thermique / Temperaturwechselbeständigkeit / Resistência ao choque térmico	EN 14617 - 8:2012	Δm	Δm = -0,08%
Coefficiente di dilatazione termica lineare / Linear thermal expansion coefficient / Coefficient de dilatación térmica lineal / Lineare Wärmeausdehnung / Coeficiente de dilatación térmica lineal	EN 14617 - 11:2005	1/°C	α = 17-28x10 <sup>-6</sup>
Resistività elettrica / Electrical resistivity / Résistivité électrique / Elektrische Widerstand / Resistividade elétrica	EN 14617 - 13:2013	Ωm	ρ <sub>300K</sub> VOL/ME / ρ <sub>300K</sub> VOL/ME / VOL/ME > 4 · 10 <sup>11</sup> / ρ <sub>300K</sub> OHM/CM / ρ <sub>300K</sub> OHM/CM > 4 · 10 <sup>11</sup>
Resistenza all'urto / Impact resistance / Résistance au choc / Stossfestigkeit / Resistência ao impacto	EN 14617 - 9:2005	Joule	2
Resistenza al calore secco / Dry heat resistance / Résistance à la chaleur sèche / Widerstandsfähigkeit gegen trockener Hitze / Resistência ao calor seco	EN 12722:2013	°C	140 °C
Resistenza all'invecchiamento accelerato UV-A / Resistance to accelerated UV-A / Résistance au vieillissement accéléré UV-A / Widerstandsfähigkeit gegen beschleunigte Alterung durch UV-A Strahlen / Resistência ao envelhecimento acelerado UV-A	ASTM G154-2004 ASTM D2244-2005	ΔE Color	MAXIMUM VARIATION IN COLOR NO VARIATION IN COLOR DENSITY / MAXIMUM VARIATION IN COLOR / MAXIMUM VARIATION IN COLOR ΔE Color < 0,5
ACQUA DISTILLATA / DISTILLED WATER / DISTILLIERTES WASSER / AGUA DESTILADA			0,2
SOLUZIONE ACQUA ACETICO 3% / SOLUTION ACETIC ACID 3% / SOLUTION ACIDE ACETIQUE 3% / SOLUÇÃO ÁCIDO ACÉTICO 3%			0,3
CONTATTO CON ALIMENTI, MARCHIORE BIANCA / CONTACT WITH FOOD, WHITE MARBLE / CONTACT AVEC ALIMENTS, MARBRE BLANC / CONTACTO COM ALIMENTOS, MARMOR BRANCO	UNI EN 1186:2003	mg/m <sup>2</sup>	0,5
CONTATTO CON ALIMENTI, MARCHIORE BIANCA / CONTACT WITH FOOD, WHITE MARBLE / CONTACT AVEC ALIMENTS, MARBRE BLANC / CONTACTO COM ALIMENTOS, MARMOR BRANCO			0,9
EMULSIONI DI OLIO / OIL EMULSIONS / EMULSIONS D'HUILE / EMULSIONES DE ACEITE			1,3





## 人造石系列 SOLID SURFACE SERIES



**HANDSOME STONE**

760x3680x12mm

### 韓國 韓星石人造石 **HANDSOME STONE**

經典絕色、雋永不凡、美好璀璨 成就設計無限可能

Classic and stunning, meaningful, beautiful and dazzling,  
Achieve design with unlimited possibilities

優良外觀與質感·多樣化色系與紋路·洗練表面紋路融合精粹質感·內外皆美·  
清潔簡便適用於檯面的食材準備區·可拼接並完美隱藏接縫而成超大尺寸成品滿足各式設計·  
適用於廚具、衛浴、檯面、牆面等範疇·是住宅和商業空間的完美選擇·

It is excellent appearance and texture, diverse colors and textures. Refined the surface texture and blends with the essence of texture, thorough beauty. It is easy to clean and suitable for the food preparation area on the countertop. It can be spliced and the seams can be perfectly hidden to form an oversized finished product that meets various designs. It is suitable for kitchenware, bathroom, countertops, walls, etc. It is a perfect choice for residential and commercial spaces.



760x4100x10mm  
1250x4100x10mm  
1250x4100x 3mm

### 德國 康麗人造石 **GetaCore STONE**

秉持德國工業一貫嚴謹態度與精神應運而生

Adhering to the consistent rigorous attitude and spirit of German industry.

源自歐洲工業精密技術·品質精良·技術領先·做工細膩·質樸雅緻·感性浪漫·  
光芒閃耀·充分滿足各式設計風格·經巧思規劃讓生活空間盡顯不凡氣度·  
質樸雅緻『純真』·詩情畫意『奇蹟』·感性浪漫『雪花』·光芒閃耀『星雨』系列·

Originated from European industrial precision technology, it has excellent quality, leading technology, exquisite workmanship, simplicity and elegance, sensibility and romance, shining light. It fully satisfies various design styles and makes the living space appear extraordinary through clever planning. The series of simple and elegant "Innocence", poetic "Miracle", sensual and romantic "Snowflake", and shining "Star shower".

勝寶鼎 / 人造石系列

韓國 韓星石人造石

WINTOP / SOLID SURFACE  
HANDSOME STONE



**HANDSOME STONE**



G234



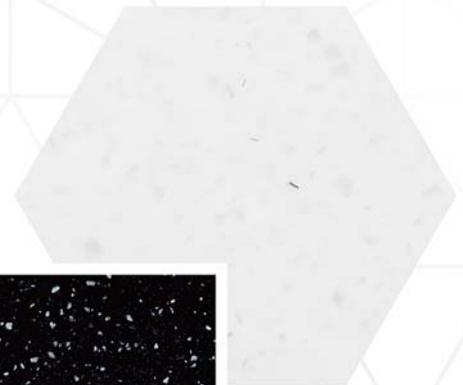
G532



G580



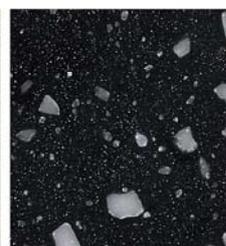
G047



G078

內外皆美 洗練表面紋路 融合精粹質感

*Thorough beauty, refined the surface texture and blends with the essence of texture.*



T0415

T0783

T0018



搭配設計巧思 盡顯不凡氣度  
The ingenious combination of design  
shows extraordinary magnanimity.

更多花色歡迎來電洽詢

勝寶鼎 / 人造石系列

德國 康麗人造石



德國 康麗人造石  
奇蹟M系列



M 0239



M 0478



M 0142

更多花色歡迎來電洽詢

# 勝寶鼎 / 人造石系列

## 認證與檢測報告

### HANDSOME STONE 韓星石人造石



BEYOND ASIAN HUB. TOWARD GLOBAL WORLD

## TEST REPORT

### TEST RESULTS

TEST ITEM	測試項目	UNIT	RESULT	TEST METHOD
1. Specific Gravity(23/23°C)	比重(23/23°C)	-	1.54	ASTM D792-13(Method A)
2. Rockwell Hardness(HRM)	洛氏硬度(HRM)	-	84	ASTM D785-08(2015)
3. Barcol Hardness	巴氏硬度	-	63	ASTM D2583-13a
4. Tensile Strength	抗拉強度	MPa	18.4	ASTM D638-14(**)
5. Tensile Modulus of Elasticity	抗伸模量	GPa	6.76	ASTM D638-14(**)
6. Flexural Strength	抗彎強度	MPa	41.3	ASTM D790-15e2(***)
7. Flexural Modulus of Elasticity	彎曲模量	GPa	7.01	ASTM D790-15e2(***)
8. Impact Resistance	耐衝擊性	J/m	14	ASTM D256-10e1(Method A)
9. Water Absorption(24h Immersion)	吸水率(24小時浸漬)	%	0.02	ASTM D570-98(2010)e1
10. Appearance(Discoloration) after Heat Resistance	外觀(是否變色) 受熱後	-	No Defects	JIS K 6902:2007
11. Heat Water Resistance	耐熱水	-	No Defects	JIS K 6902:2007
12. Deflection Temperature Under Load(1.82MPa)	熱變形溫度 負載 1.82MPa	°C	93	ASTM D648-16(Method B)
13. Accelerated Weathering Test -Discoloration	加速老化試驗 (是否變色)	-	No Defects	KS M ISO 4892-2:2012 Method by Client
14. DEHP	DEHP	mg/kg	Not Detected	US EPA 8061A:1996(GC/MS)
15. DPE	DPE	mg/kg	Not Detected	US EPA 8061A:1996(GC/MS)
16. BBP	BBP	mg/kg	Not Detected	US EPA 8061A:1996(GC/MS)

- 다음 페이지 - Test Completion Date: 2017/01/11

Paul Jeonjeong

장성자 : 박승진  
E-mail : psj@ktr.co.kr

Lee Jeon

기술책임자 : 유지  
Tel : 1577-0816(FAX 01-483)

2017년 1월 11일

KTR 한국화학융합시험연구원장



위변조 확인용 QR code



## GetaCore® 康麗人造石

### GETACORE WORKTOPS AND SHEET MATERIALS

#### Technical data

Physicel data	Test standard	Unit	*Remark	Worktop	GC 3 mm	GC 10 mm	GC 12 mm	GC 20 mm
Dimensions:								
Length	-	mm	-	4100	4100/2040	4100/2040	4100/2040	4100/2040
Width	-	mm	-	800/800/900	1250/1615	1250/1615	1250/1615	1250/1615
Thickness	-	mm	-	3x3	3	10	12	20
Tolerance:								
Length	-	mm	-	±0.15	±0.15	±0.15	±0.15	±0.15
Width	-	mm	-	±1	±0.15	±0.15	±0.15	±0.15
Thickness	-	mm	-	±0.5	±0.2	±0.2	±0.2	±0.2
Density	DIN EN 323	kg/m <sup>3</sup>	-	1620	1620	1620	1620	1620
Weight	-	kg/m <sup>2</sup>	-	30.5	4.8	16.2	19.6	33
Coefficient of thermal expansion	DIN 53762	K <sup>-1</sup>	-	5.6 · 10 <sup>-6</sup>				
Flexural strength	DIN EN 310	N/mm <sup>2</sup>	-	70	66	66	66	66
Modulus of elasticity	DIN EN 310	N/mm <sup>2</sup>	-	8000	8000	8000	8000	8000
Indentation hardness	ISO 10203-1	N/mm <sup>2</sup>	-	260	260	260	260	260
Falling-ball test	ISO 19712	N	-	200	2000	2000	2000	2000
Tensile strength	DIN EN ISO 527	N/mm <sup>2</sup>	-	45	37	-	-	-
Resistance to continuous temperature	-	°C	-	70	70	70	70	70
Cold-bending radius	-	mm	-	≥ 1500	-	-	-	-
Water absorption	EN ISO 10545-3	%	-	0.093	0.014	0.045	0.020	-
Behaviour to dry heat	ISO 19712	(180°C)	(2)	Degree 4				
Behaviour to damp heat	ISO 19712	-	(1)	Degree 4				
Behaviour when exposed to glowing cigarettes	ISO 19712	-	(2)	Degree 3				
Lightfastness	DIN EN ISO 4892	Gray scale	-	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4
Temperature fluctuation resistance	ISO 10545-10/11	Blue scale	-	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Temperature fluctuation resistance	ISO-Waerhorn 426	(50 ± 70 °C)	-	passed	passed	passed	-	-
Other properties:								
Food-safety	EN 1330, EN 1186, CE-MS 1424, ISO 18182	BB*109 and BB*128EWO	-	approved	approved*	approved*	approved*	approved*
Resistance to mold and bacterial attack	DIN EN ISO 844 A, BB*, C	-	-	resistant	-	-	-	-
Other information:								
Storage, handling, transport	No hazardous substance as defined in the Hazardous Substance Ordinance							
Protective equipment	Wear protective gloves and use suitable transport equipment when carrying							
Fire and explosion protection	None required as defined in the Hazardous Substance Ordinance							
Disposal	EAK code	Nr.	(3)	170203	120199			
Processing:								
Workplace	Usual health & safety measures (extraction, protective glasses, dust mask, etc.) (dust limit value: 2 mg/m <sup>3</sup> )							
Explosion protection	No particular precautions, dust explosion class St VDI 2263							
Toxic effect in use	None, solid surface materials are physiologically safe and permitted to be in contact with foodstuffs							
Formaldehyde emission	DIN EN 1717-2	mg/m <sup>3</sup>	-	< 0.3	gas	non-measurable		

#### Resistance to chemicals (ISO 19712)

Testing substance	10 minutes	20 minutes	16 hours
acetic acid	-	-	-
amidosulphuric acid 10%	Degree 5	-	-
ammonia solution 10%	-	-	Degree 5
chlorine containing detergent	Degree 5	-	-
ethanol 48%	-	-	Degree 4
sulphuric acid 30%	Degree 5	-	-
acetic acid 5%	-	Degree 5**	-
liquid soap	-	-	Degree 5
fruit juice	-	-	Degree 4
hair colour	Degree 5	-	-
hand cream	-	-	Degree 5
hygienic cleaner with active oxygen	-	-	Degree 5
coffee	-	-	Degree 3
ballpoint ink	-	-	Degree 4
lipstick	-	-	Degree 5
medical iodine solution 5% milk*	Degree 2	-	-
sodium chloride solution 10%	-	-	Degree 5
sodium hydroxide solution 10%	-	-	Degree 4
sodium hydroxide solution 20%	Degree 4	-	-
vegetable oil	-	-	Degree 3
phenol solution 5%	-	-	Degree 1
hydrochloric acid 3%	Degree 5	-	-
one-paste	Degree 5	-	-
black tea*	-	-	Degree 3
black tea*	-	-	Degree 6
Highlighter	-	-	Degree 5
water	Degree 5	-	-
water colour	-	-	Degree 5
hydrogen peroxide 3%	-	-	Degree 5
hydrogen peroxide 30%	Degree 5	-	-
wine vinegar	-	-	Degree 5
citric acid 10%	-	-	Degree 5

Properties for decor GC 4143 at 20° C, \* at 80° C, \*\* hot saucypan impact

\* Remarks

(1) The yellowing can easily be removed by sanding, as described on page 34.

(2) Evaluation scale:

Degree 1: Surface damage and/or blistering

Degree 2: Major change in gloss level and/or colour

Degree 3: Moderate change in gloss level and/or colour

Degree 4: Slight change in gloss level and/or colour, only visible from certain angles

Degree 5: No visible changes

(3) Disposal according to EAK code:

170203: Wood, glass and plastic (construction and demolition wood)

120199: Waste from mechanical processing of plastic

依證人進石新規範 ISO19712 測試執行

Tests are executed according to the new Solid Surface norm ISO 19712



符合食品安全標準  
EN 1186, EN13130



耐光性達第六級  
ISO 4891&105-  
B02&105-A02



耐常見家用清潔劑  
ISO 19712



產品觸感  
溫潤自然



表面可經  
專業處理修復



無縫接合



清潔容易



ISO 9001 Certification



CE IDENTIFICATION



義大利陶釉板  
Italian ceramic Slab



超薄 Thin

3 / 7mm

超大 Large

1000 / 3000mm

超硬 & 超耐 Hard

耐刮 耐磨 永不褪色  
scratch-resistant, wear-resistant, never fade



W8-3010



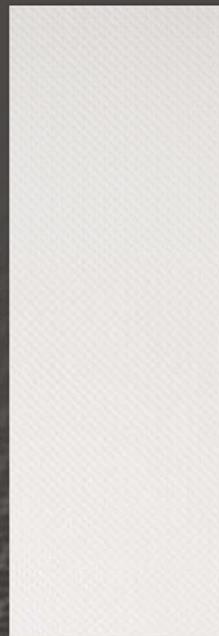
W8-3011



W8-4010



W8-4011



W8-5010



W8-5011

星鑽、星塵、銀河多種設計 沉穩典雅，展現永恆光采  
It is various designs of Star Diamond, Stardust, Galaxy.  
Calm and elegant, showing eternal brilliance.



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