

3Chem[®]

legacy[™]

INSPIRED BY
COLOUR





100% acrylic UV solid surface

PROPERTIES



TECHNICAL SPECIFICATION

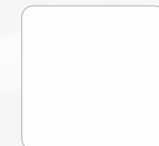
TEST	METHOD	RESULT
SURFACE BURNING	ASTM E84-08	FSI-15; SDI-10; CLASS A
FLEXURAL STRENGTH	ASTM D790-15	FLEXURAL STRENGTH (PSI) - 9,413
FLEXURAL MODULUS	ASTM D790-15	MODULUS OF ELASTICITY (PSI) = 1,736,830
DENSITY	ASTM D792-08 B	1.74 g/cm ³ (108.6 lb/ft ³)
THERMAL EXPANSION	ASTM D696	3.02 x 10 ⁻⁵ in/in/°C (1.8 x 10 ⁻⁵ in/in/°F)
IZOD NOTCHED IMPACT STRENGTH	ASTM D256-10 C	2 J/m
TENSILE STRENGTH	ASTM D638-10	45.6 MPa/6,614 PSI
ELONGATION AT BREAK	ASTM D638-10	0.66%
TENSILE MODULUS	ASTM D638-10	9840 MPa/1,427,174 PSI
WATER ABSORPTION	ASTM 0570-98(2010)	0.027%
COLOR FASTNESS	ANSI Z124.1.2-2005	1.21 PASS
STAIN RESISTANCE	ANSI Z124.3-2005	TOTAL RATING: 41 PASS
CLEANABILITY & WEAR	ANSI Z124.1.2-2005	DIRT SPECIMEN 2.35%, 2.77%, 3.56% SLURRY SPECIMEN 0.64%, 1.02%, 1.83%
CIGARETTE TEST	ANSI Z124.3-2005	PASS
CHEMICAL RESISTANCE	ANSI Z124.3-2005	PASS
IGNITION TEST	ANSI Z124.1.2-2005	LESS THAN 30 SEC. PASS
THERMAL SHOCK RESISTANCE	ANSI Z124.1.2-2005	NO CRACKING, CRAZING, BLISTERING OR SPALLING PASS
WATER RESISTANCE	ANSI Z124.1.2-2005	TOTAL RATING 1, PASS
BARCOL HARDNESS	ASTM D2583-13 a	68
IMPACT STRENGTH	ASTM	MEAN FAILURE HEIGHT 872 MM MEAN FAILURE ENERGY 7.70 J
HEAT DEFLECTION TEMPERATURE	D5420-10	111.7°C
FUNGAL TESTING	ASTM D648-07 B	DOES NOT SUPPORT MICROBIAL GROWTH
COLOR FASTNESS TO LIGHT	ASTM G21	BETTER THAN 6 (BLUE WOOL STANDARD)
GREENGUARD	ISO 105-B02:2014	CERTIFIED
GREENGUARD GOLD	UL 2818	CERTIFIED
BOILING WATER RESISTANCE	UL 2818	NO EFFECT
HIGH TEMPERATURE RESISTANCE	NEMA LD3-2000	NO EFFECT
LIGHT RESISTANCE (XENON ARC)	NEMA LD3-2000	NO EFFECT
TOXICITY	NEMA LD3-2000	PITTSBURGH PROTOCOL TEST

Disclaimer

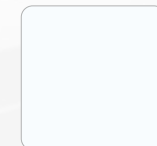
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Note: Representation of colors may slightly vary from actual colors

Albino

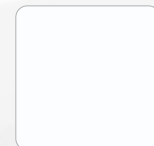


True White TW1001

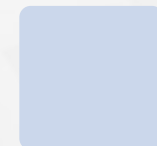


Platinum White PW1002

Glassy

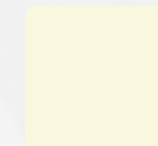


Lucent White LW2003

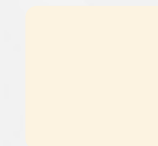


Blucent BL2004

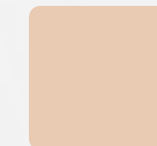
Unico



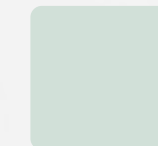
Atrium White AW3005



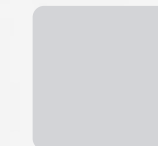
Nougat Cream NC3080



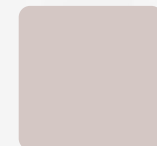
Moccasin MO3008



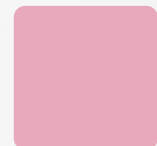
Celadon CL3017



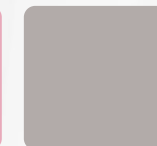
Icebae IB3009



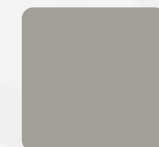
Biscotti BI3043



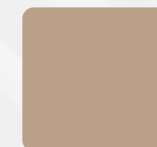
Genie GE3030



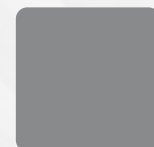
Castor CS3012



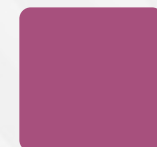
Griege GR3010



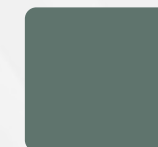
Tortilla TT3007



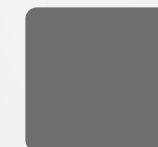
Cadet CD3011



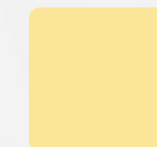
Mulberry MB3032



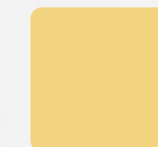
Trumpet TR3016



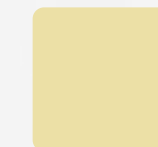
Gauntlet GL3013



Mellow ML3038



Mimosa MM3039



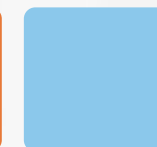
Novajo White NW3006



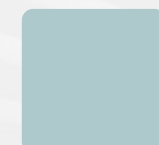
Beetle BE3020



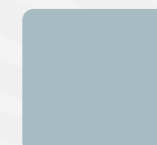
Tangelo TG3037



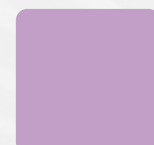
Carolina CR3024



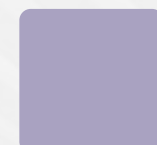
Tiffany TF3015



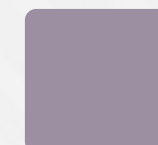
Matcha MT3018



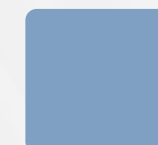
Fairyfloss FF3031



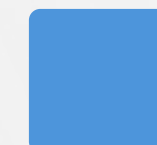
Wisteria WI3036



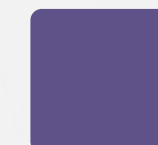
Rambler RM3014



Magpie MP3026



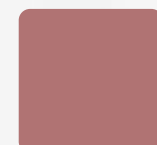
Ruddy RD3025



Periwinkle PK3035



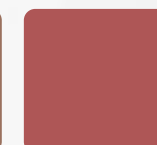
Azury AZ3027



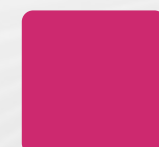
Sedona SE3034



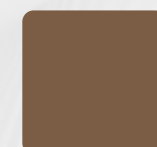
Sepia SP3040



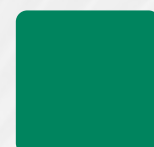
Auburn AU3029



Razzmatazz RZ3033



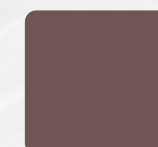
Chocolate CE3081



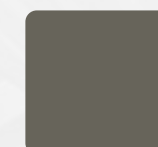
Pine PI3022



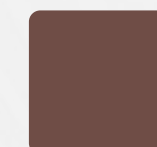
Mareti MR3019



Brunette BR3042



Seaweed SW3023



Sable SB3041

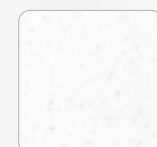


Forest FO3021

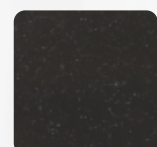
Galaxy



Deep Shadow DS3028

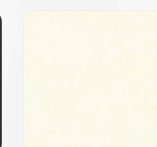


Shimmer SH4044

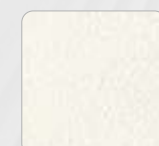


Glimmer GM4045

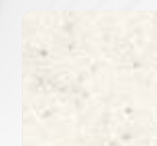
Silt



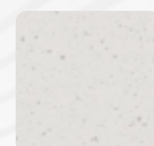
Rice paper RP5054



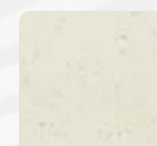
Salt SA5046



Sand Cream SC5048



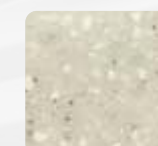
Silvery Sand SS5050



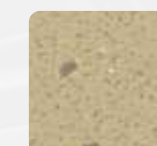
Crystal Beige CB5052



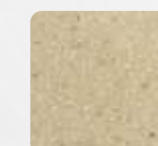
Mist MI5051



Everest EV5056

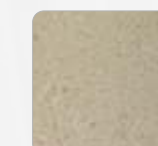


Raffia RF5053

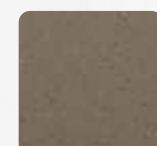


Arora AR5047

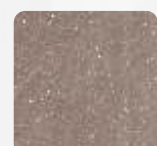
Nectar



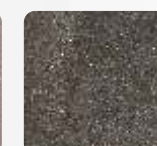
Canvas CA5055



Sand Clay SY5049

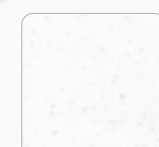


Sonora SO9079

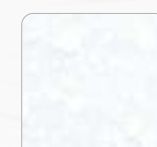


Fossil FL9078

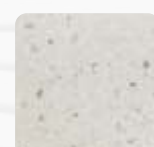
Gravel



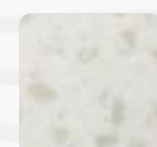
Abalone AB6065



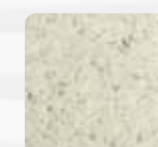
Frosted Antarctica FA6035



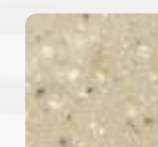
Sparrow Feather SF6063



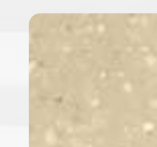
Gemini GI6059



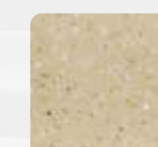
Winter Birch WB6060



Sahara SR6062

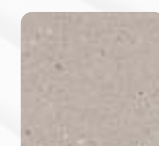


Savannah SV6058

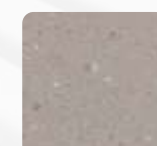


Desert Spinel DP6064

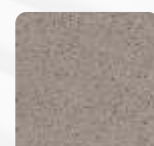
Terrazzo



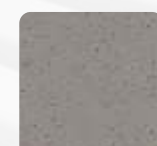
Urban Concrete UC8077



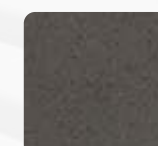
Chic Concrete CH8075



Steel Concrete ST8076



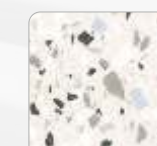
Mud Concrete MC8082



Ebony Concrete EC8074



Domino Terrazzo DT7069



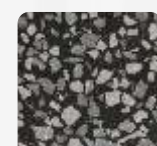
Aqua Terrazzo AT7070



Pebble Terrazzo PT7067



Cocoa Terrazzo CT7071

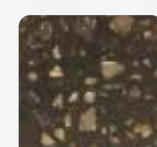


Basalt Terrazzo BT7068

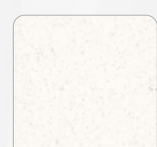
Concrete



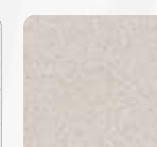
Festival FV6066



Cocoa Brown CO6057



Snow Concrete SN8072



Cloud Concrete CC8073



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INSPIRED BY
COLOUR



3Chem[®]

3CHEM SURFACES PVT. LTD.

Marketing Office: 113, New Diamond Industrial Estate No. 2, Ketakipada, Dahisar (E), Mumbai 400068, Maharashtra, India.

Factory & Regd. Office: Gat No. 45/2 & 49/2, Village Aпти Khurd, Taluka Vikramgad, District - Palghar 401605, Maharashtra, India.

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