

Composition and Materials:

The DuPont™ Montelli® Basic formulation contains a blend of resin combined with aluminium mineral filler.

Fabrication & Installation:

DuPont™ Montelli® can be cut to size, routed, joined using inconspicuous seams and sanded.

It should be fabricated and installed according to the recognized guidelines of the solid surface industry in Europe.

Technical Data:

Property	Typical result	Unit	Testing method	
Density	1.73	g/cm ³	DIN ISO 1183	1
Flexural strength	61.4	MPa	DIN EN ISO 178	1
Flexural modulus	9600	MPa	DIN EN ISO 178	1
Flexural elongation at break	0.69	%	DIN EN ISO 178	1
Dimensional stability at 20 °C – Change of length	< 0.16	%	DIN EN ISO 4586 T10	1
Impact resistance (large ball drop)	> 120	cm	DIN ISO 4586 T12	1
Impact resistance (spring load)	> 25	N	DIN ISO 4586 T11	1
Hardness of surface (Mohs index)	2-3		DIN EN 101: 1992-01	1
Compressive strength	168	MPa	EN ISO 604	1
Resistance to boiling water – Increase in weight	0.14	%	DIN EN 4586 T7	1
Resistance to boiling water – Surface change	Grade 5*		DIN EN 4586 T7	1
Resistance to dry heat (@ 180 °C)	Grade 5*		DIN ISO 4586 T8	1
Thermal shock	No visible change		UNI 9429	1
Resistance to abrasion	75	Loss in weight mm ² /100 rev.	DIN ISO 4586 T6	1
Lightfastness (Xenon Arc)	> 6	Blue wool scale	DIN ISO 4586 T16	1
Slip resistance with 120 µm grit	Passes R9 Requirement		DIN 51130	1
Slip resistance with 150 µm grit	Passes R9 Requirement		DIN 51130	1
Electrical discharge – Surface resistance	> 10 ¹⁰	Ω	DIN EN 6134051	1
Fire classification	Euroclass B-s1,d0		DIN EN 13501-1:2002	2
Reaction to fire	Class M1		NF P 92-501	3
Smoke opacity and gas toxicity	Class F0		NF F 16-101	4
Fire tests	Class 0		BS 476 part 6 & 7	5
NSF Standard for Food Equipment Materials	Certified for Splash Zone		NSF/ANSI 051	6

* Grade 5: no visible change
 * Grade 4: minor change of shine and/or colour-only visible from certain angles of view
 * Grade 3: moderate change of shine and/or colour
 * Grade 2: distinct change of shine and/or colour
 * Grade 1: surface damage and/or blistering

(1) Test Report Q IWQ MBL 734 1109-1 from LGA – Germany/04-2004
 (2) Classification Report 11691C from Warringtonfiregent – Belgium/08-2005
 (3) Classification Report 49070454 from FCBA - France/10-2007
 (4) Classification Report 11925-04 from SME/Group SMPE – France/11-2004
 (5) Test Report 153403 & 153404 from Warringtonfire – UK/04-2006
 (6) Certification from NSF International – U.S.A.

For more information about DuPont™ Montelli®, please call:

0800/962 116 (UK), 1800/553 252 (Ireland),
 0800/91 72 72 (F), 0800/1810018 (D),
 0800/554614 (CH), 800/876750 (I),
 0800/29 5833 (A), 0800/96 666 (B),
 800/23079 (L), 901/120 089 (E),
 0800/022 35 00 (NL), +351 227 536 900 (Portugal),
 +30 22950 44020 (Greece), +48 22 320 0900 (Poland),
 +46 31 57 68 00 (Nordic Countries),
 +7 495 797 22 00 (Russia),
 +380 50 310 79 19 (Ukraine & Kazakhstan),
 +40 31 62 04 111 (Romania, Bulgaria & Serbia),
 +420 257 414 213 (Czech republic, Slovakia & Hungary),
 +420 257 414 213 (Central & Eastern Europe),
 +971 4 321 1530 (Pakistan, Middle East, Africa, Malta & Cyprus),
 +90 212 340 0400 (Turkey, Israel & Central Asia*)

* = Azerbaijan, Turkmenistan, Uzbekistan and Kyrgyzstan

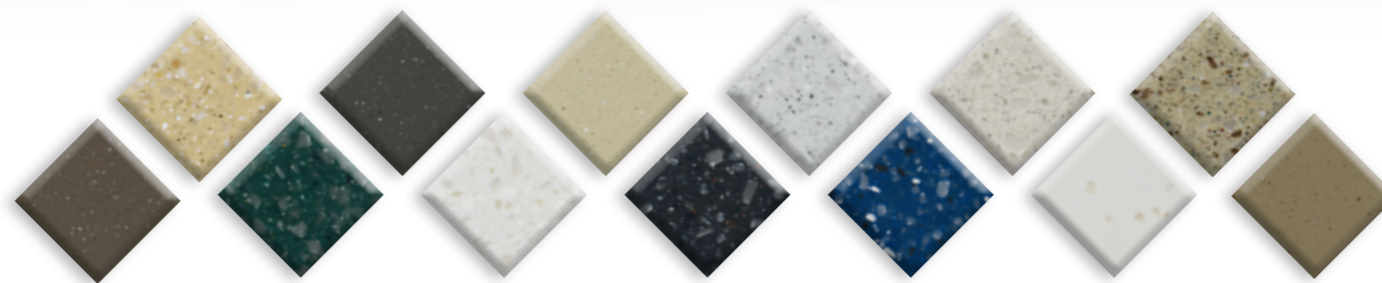


The miracles of science™

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DuPont™ Montelli®

BASIC SERIES



DuPont™ Montelli® Solid Surfaces is a decorative material, which can be used in a variety of interior applications in both commercial and residential sectors. A composite product, DuPont™ Montelli® is produced by a continuous casting process, meeting strict quality control standards.

It is supplied in sheets and can be used to create wall panels, coffee tables, reception desks, kitchen countertops, bathroom vanities and shower surrounds, as well as many other applications.

Because the material is solid, and uniform right through, the surface is durable, non-porous, hygienic and repairable. These performance benefits make DuPont™ Montelli® Basic series a suitable material for areas subject to heavy use.

DuPont™ Montelli® Basic series can be cut, routed, joined with inconspicuous seams, sanded and engraved to create a wide variety of designs, colour inlays and effects.

DuPont™
MONTELLI®



ARTIC WHITE - 101
12mm



SNOW DRIFT - 201
12mm



BLIZZARD - 306
12mm



HAILSTORM - 2565 **NEW**
12mm



ICELAND SNOWFIELD - 2530 **NEW**
12mm



HARVEST WHEAT - 2535 **NEW**
12mm



PEARL WHITE - 207
12mm



LOTUS - 204
12mm



VANILLA CREAM - 131
12mm



SPRING WILLOW - 237
12mm



GLASS SAND - 2580 **NEW**
12mm



PEPPER GREY - 288
12mm



LAVA GREY - 381
12mm



BALTIC SEA - 326
12mm



IVORY MIST - 231
12mm



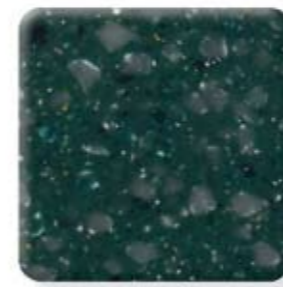
SUNFLOWER - 2581 **NEW**
12mm



YELLOW STONE - 236
12mm



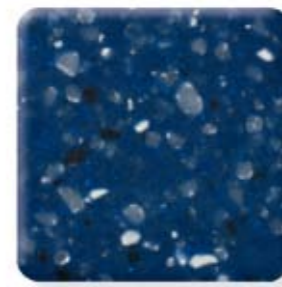
NUTSHELL MATRIX - 238
12mm



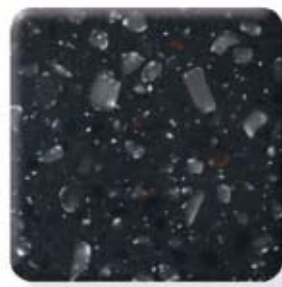
WOODLAND GREEN - 2562 **NEW**
12mm



BLACK PEARL - 253
12mm



CORTEZ SEA - 2564 **NEW**
12mm



BLACK ROCK - 2563 **NEW**
12mm



IVORY COAST - 328
12mm



OATMEAL - 1341 **NEW**
12mm



GROUND PEPPER - 2582 **NEW**
12mm



NOUGAT - 1342 **NEW**
12mm



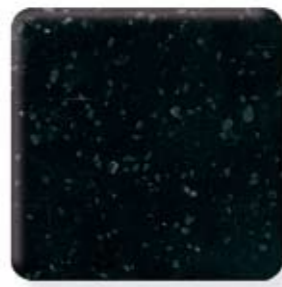
AUTUMN TONE - 1217
12mm



DARK CARAMEL - 1327 **NEW**
12mm



BROWN SAND - 1326 **NEW**
12mm



OBSIDIAN - 252
12mm



MIDNIGHT GALAXIA - 251
12mm

Although DuPont™ Montelli® is durable, like most materials, it can be damaged by severe impact or by excessive or prolonged exposure to heat. DuPont recommends that hot cookware is always placed on a trivet, rather than directly on the surface.

DuPont™ Montelli® is non-porous and can be fabricated with inconspicuous seams, so spills and stains are normally not absorbed into the surface, making the product resistant to many types of stains. Common household spills – such as vinegar, coffee, tea, lemon juice, dyes, ketchup or red wine – can be removed easily, using a detergent and scouring pad, followed by a thorough rinsing

with water. Certain aggressive chemicals – such as paint solvents, nail varnish, acetone, iodine, drain cleaner and other strong acid and base products – can damage the surface of DuPont™ Montelli® products. DuPont™ Montelli® products are therefore not recommended for working areas where strong chemicals are used, or could potentially be in contact with the surface for a long exposure

time. If an accidental spill with aggressive chemicals does occur, flush promptly with plenty of soapy water and try to remove the spill with a detergent and scouring pad.

Printed representation of colours may vary from actual samples.

DuPont™
MONTELLI®