

DuPont™ Montelli®
Basic series



DuPont™ Montelli® Solid Surfaces

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.



103
6mm* 12mm



201
6mm* 12mm



306
6mm* 12mm



206
6mm* 12mm



204
6mm* 12mm



131
6mm* 12mm



207
6mm* 12mm



227
6mm* 12mm



231
6mm* 12mm



334
6mm* 12mm



236
6mm* 12mm



233
6mm* 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



101
6mm* 12mm



237
6mm* 12mm



285
6mm* 12mm



302
6mm* 12mm



333
6mm* 12mm



238
6mm* 12mm



336
6mm* 12mm



340
6mm* 12mm



225
6mm* 12mm



338
6mm* 12mm



311
6mm* 12mm



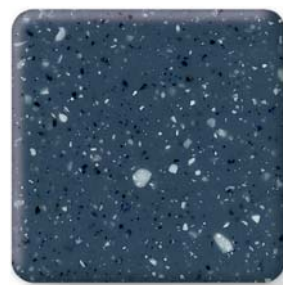
264
6mm* 12mm



384
6mm* 12mm



271
6mm* 12mm



360
6mm* 12mm



261
6mm* 12mm

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.



281
6mm* 12mm



381
6mm* 12mm



246
6mm* 12mm



252
6mm* 12mm



254
6mm* 12mm



253
6mm* 12mm



251
6mm* 12mm

* All colours are available in 12 mm thickness.
For 6 mm thickness, please consult with your DuPont representative.

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 – similar to the fabrication and installation guidelines for DuPont™ Corian® Solid Surfaces.

Technical Data

PROPERTY	TYPICAL RESULT	UNIT	TESTING METHOD
Nominal Thickness	12	mm	DIN ISO 1183
Density	1,73	g/cm ³	DIN ISO 1183
Flexural strength	61	Mpa	DIN EN ISO 178
Flexural modulus	9600	Mpa	DIN EN ISO 178
Elongation	0,69	%	DIN EN ISO 178
Resistance to impact (ball drop)	> 120	cm	DIN ISO 4586 T12
Hardness of surface (Mohs index)	2-3		DIN EN 101: 1992-01
Compressive strength	168	Mpa	EN ISO 604
Moisture Absorption weight (%)	0,14	%	DIN EN 4586 T7
Reaction to bacteria and fungi	Do not support microbial growth		DIN EN ISO 846
Resistance to dry heat (@180 °C)	Level 5*		DIN ISO 4586 T8
Thermal Shock	Level 5*		UNI 9429
Resistance to Abrasion	74 822	mm / 100 rev	DIN ISO 4586 T6
Lightfastness (Xenon Arc)	> 6	Blue wool scale	DIN ISO 4586 T16
Electrostatic surface behavior	> 1 x 10 ¹²	W	DIN IEC 61 340-4-1
Resistance to fire	Euroclass B-s1, dO	none	EN 13501-1; 2002

* Level 5: no visible change

* Level 4: minor change of shine and/or colour-only visible from certain angles of view

* Level 3: moderate change of shine and/or colour

* Level 2: distinct change of shine and/or colour

All tests performed by an independent laboratory (LGA-Nurnberg-Germany)-test report #: Q IWQ MBL 734 1109-1.e (03/2004)

For more information about DuPont Solid Surfaces products please call:

0800 / 962116 (UK), 0800 / 29 5833 (A), 0800 / 96666 (B), 0800 / 917272 (F), 0800 / 1810018 (D),
1800 / 553252 (IRL), 800 / 876750 (I), 800 / 23079 (L), 0800 / 554614 (CH), 901 / 120 089 (E),
0800 / 0223500 (NL), ++4631 697580 (Nordic Countries), ++7 095 797 2262/00 (Russia),
++971 4 3211532 (Middle East & Africa), ++420 257414203 (Central & Eastern Europe).