



DUPONT™

Montelli®



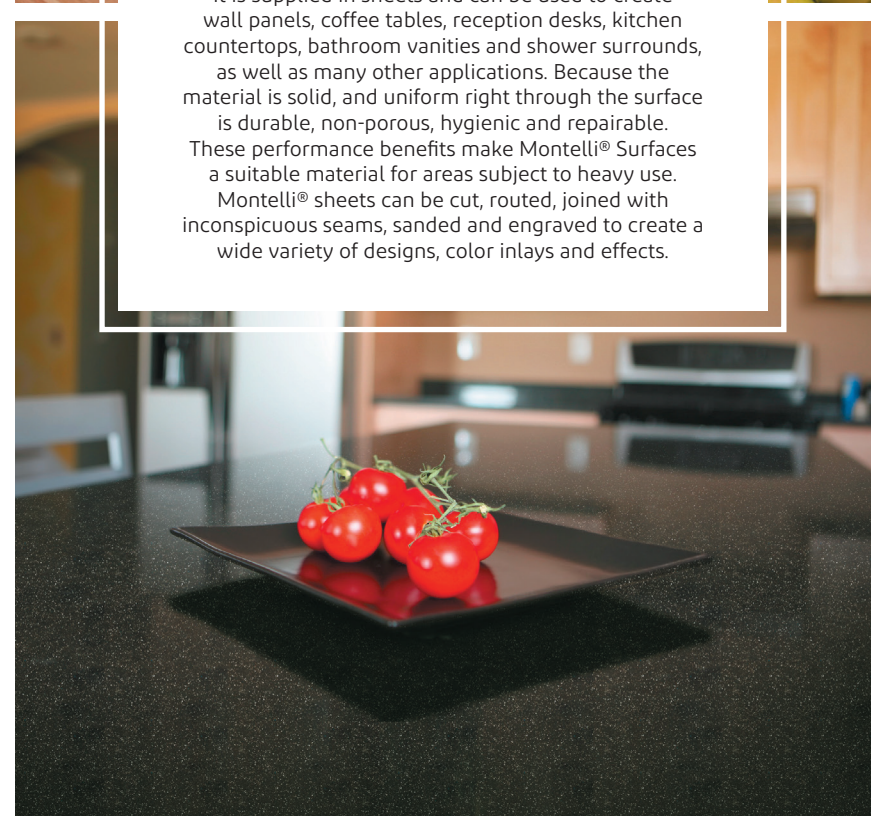
**FUSION OF
BEAUTY AND FUNCTIONALITY**



Montelli® Surfaces

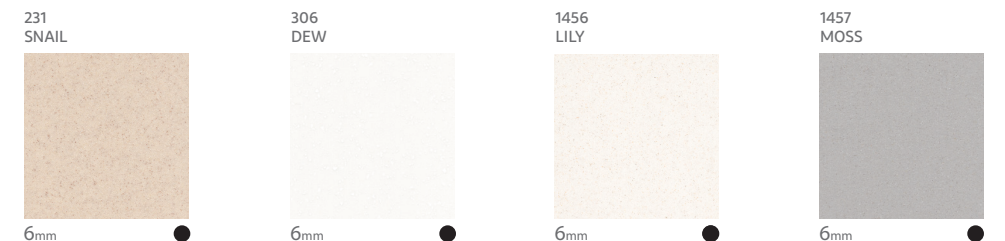
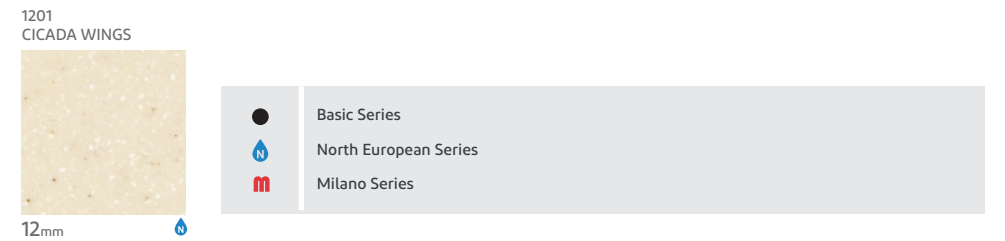
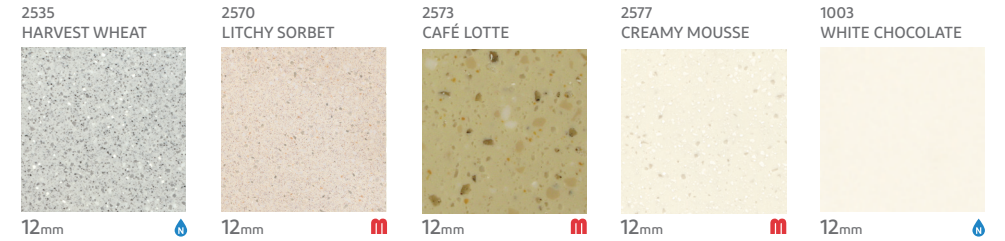
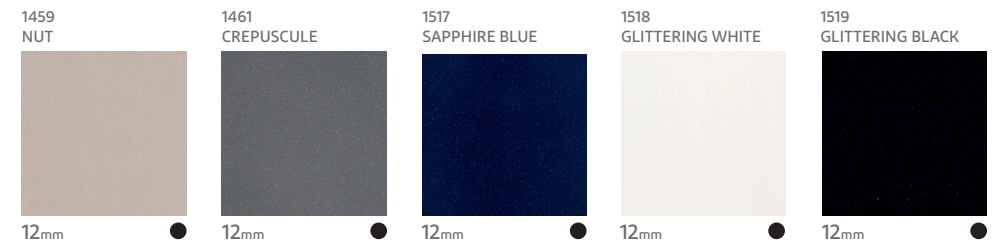
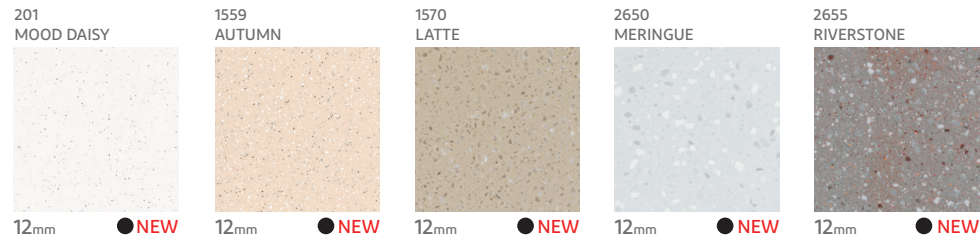
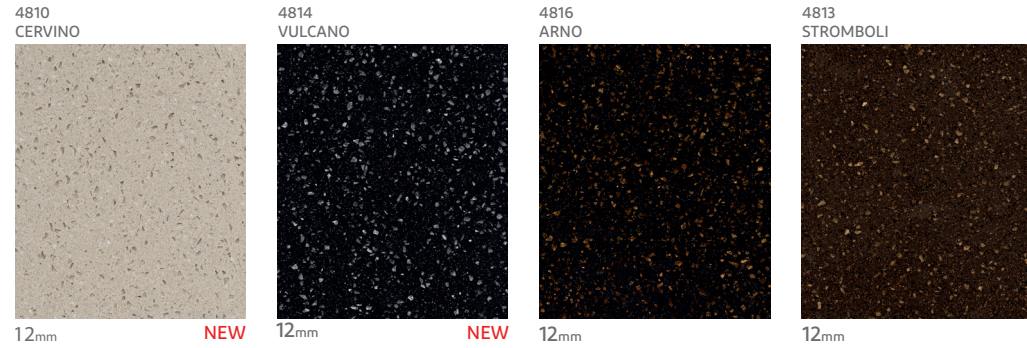
Montelli® Surfaces is a decorative material, which can be used in a variety of interior applications in both commercial and residential sectors. A composite product, Montelli® Surfaces is produced by a continuous casting process, meeting strict quality control standards.

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 Montelli® Surfaces a suitable material for areas subject to heavy use. Montelli® sheets can be cut, routed, joined with inconspicuous seams, sanded and engraved to create a wide variety of designs, color inlays and effects.

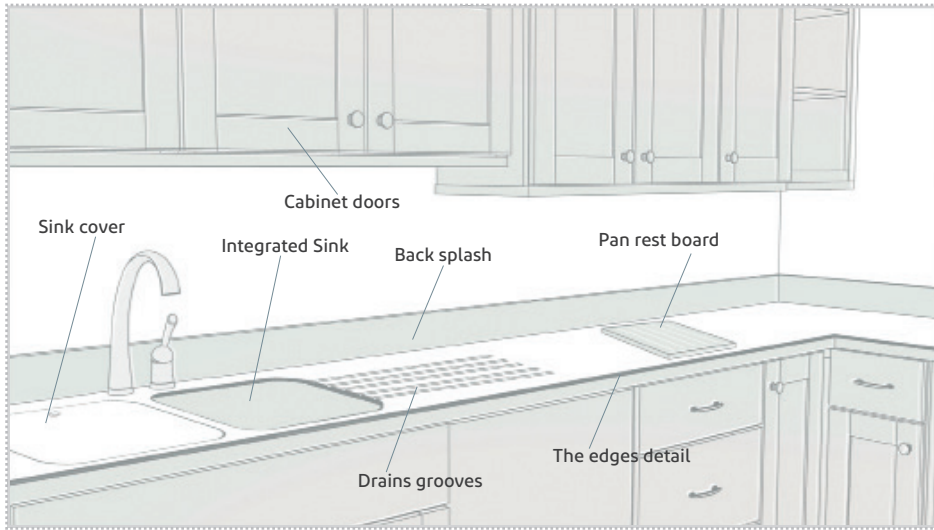


Colors of Montelli® Surfaces

Crystal series

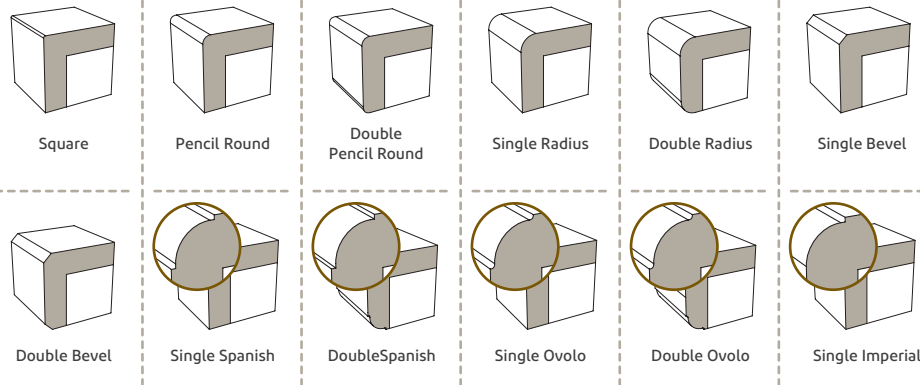


Montelli® Surfaces on Kitchen Surfaces

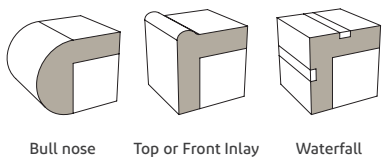


Edge Types

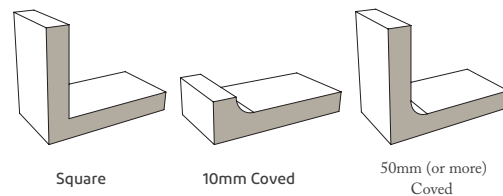
Edge



Special Edge



Backsplash



Montelli® Surfaces Competitive advantages

Comparison of Montelli® Surfaces with other surface materials

	WOOD	LAMINATE	GRANITE	QUARTZ	MONTELLI®	
Freedom of design	Seamless joints surface integrally	x	x	x	x	✓
	Seamless connection with sink	x	x	x	x	✓
	Seamless connection with a kitchen apron (Rear rim)	x	x	x	x	✓
	3D shaping flexibility	x	x	x	x	✓
	Seamless insertion of Montelli® other colors	x	x	x	x	✓
	Solid edge with antiperelivom		x			✓
	Unbounded leading edge design	x	x	✓	✓	✓
	Flush drains	x	x	✓	✓	✓
	Any form of flat countertop	✓	✓	✓	✓	✓
Aesthetics	Built-in holders for hot dishes	✓	✓	✓	✓	✓
	The choice of surface polishing	x	x	✓	✓	✓
	Pearly luster	x	x	x	x	✓
	The legacy of the Italian aesthetics and paints	x	x	x	x	✓
Hygiene	The perfect combination of more than 1000 shades wood (cabinet doors)	x	x	x	x	✓
	Easy to care for a seamless surface	x	x	x	x	✓
	Non-porous (does not absorb moisture)	x	x	x	x	✓
Durability	Easy stain removal with household cleaners					
	Easily renewable 'At home'	x	x	x	x	✓
	Easily repairable 'At home'	x	x	x	x	✓
	The absence of traces produced repair	x	x	x	x	✓
	Impact resistance	x	x	✓	✓	✓

Montelli® Surfaces, Combined harmony

Created by Montelli® Surfaces aesthetic and perfectly combined with different shades of wood patterns or enamel kitchen fronts. Decorative effect of a combination of counter tops with Montelli® Surfaces any elements of kitchen furniture will always attract the attention of others, ensuring high assessment of your choice. Harmony in combination, the game is the color palette table tops with a texture of wood, inspire you to further choice:



Technical Data

PROPERTY	RESULT	UNIT	TESTING METHOD	*
Density	1,797	g/cm ³	UNE-EN ISO 1183-1	1
Flexural strength	51,2	MPa	UNE-EN ISO 178	1
Flexural modulus	9730	MPa	UNE-EN ISO 178	1
Deflection at flexural strength	0,63	%	UNE-EN ISO 178	1
Compressive strength	123	MPa	UNE-EN ISO 604	1
Deformation at break	3,7	%	UNE-EN ISO 604	1
Tensile strength	33,8	MPa	UNE-EN ISO 527-2	1
Elongation at break	0,52	%	UNE-EN ISO 527-2	1
Load test	no cracks /no breaks	Residual deflection <0,25 mm	ISO 19172-2 clause 7	1
Impact resistance (large-diameter ball drop)	no breaks	Imprint <10mm /no breaks	ISO 19172-2 clause 8	1
Light Fastness (Xenon Arc)	Rating 4/5*	Rating requirement	ISO 19172-2 clause 9	1
Stain/ chemical resistance	Rating 4/5*	Rating 3* requirement	ISO 19172-2 clause 10.1-2	1
Resistance to cigarette burns	Rating 3*	Rating 3* requirement	ISO 19172-2 clause 11	1
Resistance to dry heat (180° C)	Rating 5*	Rating 3* requirement	ISO 19172-2 clause 12	1
Resistance to wet heat	Rating 4*	Rating 3* requirement	ISO 19172-2 clause 13	1
Hot/cold cycle water resistance heat	no failure		ISO 19172-2 clause 14	1
Hardness (Barcol)	67+/-3		ISO 19172-2 clause 15	1
Hardness (ball)	300+/-20	N/mm ²	ISO 19172-2 clause 15	1
Hardness (Rockwell)	92+/-1		ISO 19172-2 clause 15	1
Dimensional stability (humidity (90+/-3)%RH)	0,03	% requirement <0,16	ISO 4586-2 clause 11	1
Dimensional stability (humidity (15+/-5)%RH)	0,08	% requirement <0,16	ISO 4586-2 clause 11	1
Resistance to immersion in boiling water	Rating 5*	increase <2%, shine min rating 4*	ISO 4586-2 clause 7	1
Resistance to surface wear	0,02	% weight variation for rev	ISO 4586-2 clause 6	1
Hardness of surface (Mohs index)	2-3		DIN EN 101	5
Slip resistance with 120 µm grit	Passes R9 Requirement		DIN 51130	5
Slip resistance with 150 µm grit	Passes R9 Requirement		DIN 51130	5
Fire classification	Euroclass B-s1, do		EN 13501-1:2002	2
Reaction to fire	Class M2		NF P 92-501	3
Smoke opacity and gas toxicity	Class Fo		NF F 16-101	4

* Rating 5: no visible change

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

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

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

* Rating 1: surface damage and/or blistering

(1) Test report AT-0325/12 from Aimplas 11-2011

(2) Classification Report 11691 C from Warrington Fire Gent - Belgium/08-2005

(3) Classification Report 11891-04 from SME/Group SMPE - France/10-2004

(4) Classification Report 11925-04 from SME/Group SMPE - France/11-2004

(5) Test Report Q IWQ MBL 734 1109-1 from LGA - Germany/04-2004

To know more about Montelli®, please call:

Toll Free: 1800-419-0899
www.dupont.co.in

DUPONT

Montelli®