

# LAB TOP COLLECTIONS



**HIGH QUALITY**  
Safe, Durable and Hygenic...



# Chemical Resistance | Safe & Durable Scratch and Stain Resistance

ASD Lab Top is an excellent choice for laboratories and other environments where chemical and stain protection are critical. The panels are impact and moisture resistant, as well as simple to install. In locations where different cleaning chemicals must be used often, ASD Lab Top panels are made with a strong chemical resistance. A total of 49 chemicals were used to test the product's surface, including acid, base, biological stain, halogen group, solvent, and organic compounds. (SEFA 3-2010) The color, gloss level, corrosion formation, and structural integrity of the product do not alter significantly when it comes into contact with these chemicals.

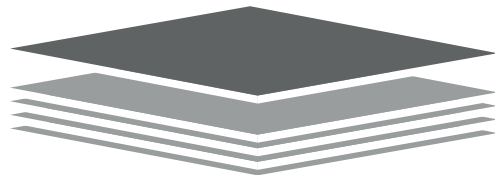
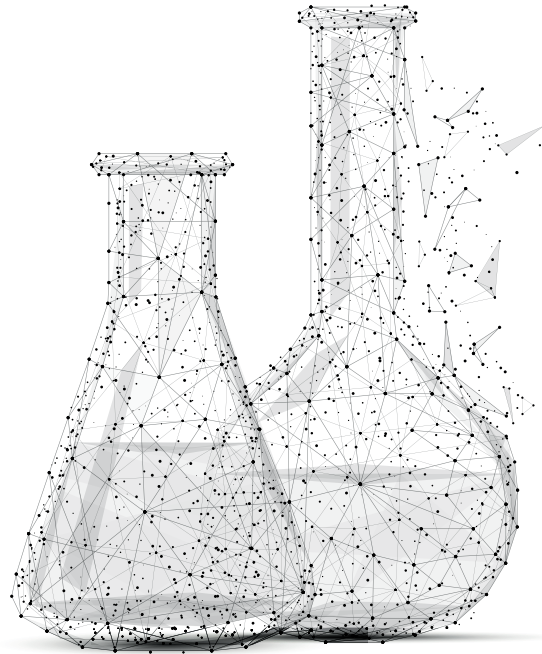
## Technology

It is made with a resin made with a particular formula and ornamental surface paper that is supported by Electron Radiation to offer the appropriate chemical resistance. ASD Lab Top sheets are made at a pressure of 1000 pounds per inch or more, and at a temperature of 300 degrees Fahrenheit (149 degrees Celsius), making them resistant to dangerous chemicals and bacterial development.

**Dimensions**  
1540 mm x 3660 mm

**Surface**  
ASD Lab Top

**Standards**  
EN 438.4 SEFA 3-2010 Certificate



**Product Structure**  
Melamine formaldehyde-impregnated decorative paper with particular modification for strong chemical resistance, reinforced by electron radiation.  
Phenol formaldehyde impregnated Kraft paper layers for increased impact and chemical resistance.kağıt katmanları.

# LAB TOP COLLECTIONS



Antibacterial & Antimicrobial



Moisture Resistant



Easy to Clean



Anti-Fungus



High Resistance to Impact



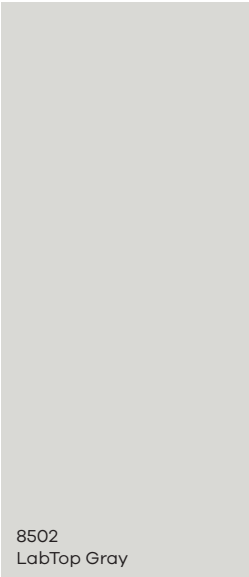
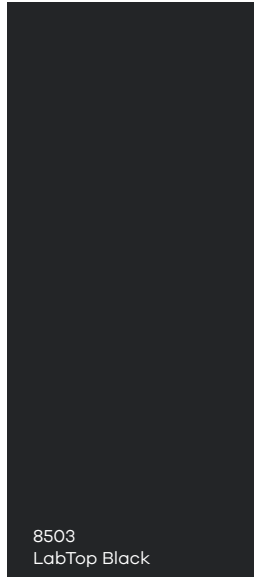
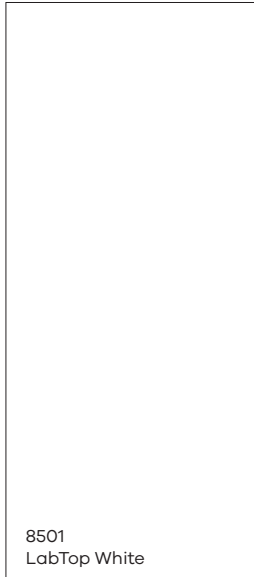
Safe for Food Contact



# LAB TOP COLLECTIONS

## ASD Lab Top Product Colors

The panels are produced in 3 trend colors that are frequently used in chemical, pathogen and photographic laboratories.



ASD Lab Top products are suited for long-term usage in laboratories, hospitals, and other medical settings with a high concentration of chemical applications. It possesses properties that make it acceptable for usage in schools, restaurants, sports facilities, and any other business setting where contamination and spread are a concern.



- Chemical & Pathogen and Photographic Laboratories
- Pharmacy, Intensive Care, etc.
- Medical Fields
- Industrial Kitchens
- Trial and Rest Cabins
- Restaurant and Food & Beverage
- Service Areas
- Offices and Public Spaces
- Schools and Care Centers



## ASD Lab Top Technical Data Sheet

Properties	Test Method	Property or Attribute	Unit (max or min)	Values
<b>SURFACE QUALITY</b>				
Surface Quality	EN 438-4	Spots, dirt and similar surface defects	mm <sup>2</sup> /m <sup>2</sup>	≤1
		Fibres, hairs and scratches	mm/m <sup>2</sup>	≤10
<b>DIMENSIONAL TOLERANCES</b>				
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	1,2st<3,0: +/0,20
				3,0st<5,0: +/0,30
	EN 438-2.6	Length and width	mm	+10/-0
	EN 438-2.7	Straightness of edges	mm/m	≤1,5
	EN 438-2.8	Squareness	mm/m	≤1,5
EN 438-2.9	Flatness	mm/m	1,2st<6,0: ≤8	
			6,0st<10: ≤5	
			10,0st: ≤3	
<b>GENERAL PROPERTIES</b>				
Resistance to surface wear	EN 438-2.10	Wear Value	Revolution	≥ 350
Resistance to immersion in boiling water	EN 438-2.12	Mass increase 1,2st<5	%	5,0 7,0
		Mass increase t≥5	%	2,0 3,0
		Thickness increase 1,2st<5	%	6,0 9,0
		Thickness increase t≥5	%	2,0 6,0
Resistance to water vapor	EN 438-2.14	Appearance-non gloss finish	Rating (min)	4
Resistance to dry heat (160°C)	EN 438-2.16	Appearance-non gloss finish	Rating (min)	4
Resistance to wet heat (100°C)	EN 438-2.18	Appearance-non gloss finish	Rating (min)	4
Dimensional stability at elevated temperature	EN 438-2.17	Cumulative dimensional change 1,2st<5	Longitudinal ( % )	≤0,40
		Cumulative dimensional change t≥5	Longitudinal ( % )	≤0,30
		Cumulative dimensional change 1,2st<5	Transversal ( % )	≤0,80
		Cumulative dimensional change t≥5	Transversal ( % )	≤0,60
Resistance to impact with large diameter ball	EN 438-2.21	Indentation diameter 1,2st<6	mm	h 1400/ ds10
		Indentation diameter t≥6	mm	h 1800/ ds10
Resistance to crazing	EN 438-2.24	Appearance	Rating (min)	4
Resistance to scratching	EN 438-2.25	Appearance-Textured Finish	Rating (min)	3
Light fastness (Xenon-arc)	EN 438-2.27	Contrast	Grey scale rating	4-5
Flexural modulus	EN ISO 178	Stress	Mpa (min)	9000
Flexural Strength	EN ISO 178	Stress	Mpa (min)	80
Density	EN ISO 1183	Density	g / cm <sup>3</sup> (min)	≥1,35
Formaldehyde emission(6mm)	EN 717-1	Gas analysis	mg/(m <sup>2</sup> ·h)	0,03
Resistance to Staining	SEFA 3-2010	Method A	Rating (min)	1
		Method B	Rating (min)	2



Scan the QR Code to see  
the test results



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