



Laboratory Solutions Compacts



The best solutions for safe and durable laboratory, research and educational environments.

Laboratory and functional environments demand compliance with rigorous codes and standards. Therefore, to support your right material selection, SURFORMA® offers a wide Laboratory Solutions range, that ensure the lifetime of your laboratory worktops and furniture.



SURFORMA® Compact Labgrade

SURFORMA® Labgrade manufactured with unique Electron Beam Curing (EBC) technology, is easy to clean and shows a high resistance to a large number of aggressive chemicals and cleaning agents. It also has inherent antibacterial properties. SURFORMA® Labgrade compact provide an ideal choice in environments where hygiene, avoidance of contamination, sustainability, ergonomics and safety are of importance.

SURFORMA® Labgrade is extensively used in a wide variety of lab environments worldwide, including chemical, physical, analytical and microbiological laboratories.

SURFORMA® Compact Antiviral

SURFORMA® Compact Antiviral is the best of tradition and innovation. An increased awareness of the problems associated with microbes (bacteria and virus) has led Surforma to develop and introduce this more hygienic and high performance new product to its range.

Effective against a broad spectrum of microbes, ANTIVIRAL HPL & CGS by SURFORMA® reduces the growth of virus and bacteria, providing a more hygienic surface and protecting consumers against their potentially negative effects.

When properly maintained, the protection will last for the expected life of the treated product and will help to reduce cross-contamination.

Antiviral Compacts combine the functional requirements like durability and long-lasting hygiene.

Given their resistance to most chemicals, they can also be used in laboratories where no very strong chemicals are expected to be used.





SURFORMA® Compact Standard

SURFORMA® Compact Standard can withstand high impacts, thus ensuring reliability and safety. They can be used in the harshest of environments and unstable conditions, such as high wear and tear or humidity levels. SURFORMA® Compact Standard are the perfect ally for applications where impact resistance is of great importance whereas chemical resistance is not so critical.

SURFORMA® Compact Fire Retardant

Engineered for long-lasting and fire retardant, Compact FR offers an outstanding performance for applications where fire resistance is a request. It is ideal for backsplashes and cladding for fume cupboards/ fume hood.

Please refer to tables “General features and applications” and “Chemical resistance SEFA3” for more details.

Low Maintenance & Easy to Clean

The closed surface of compact practically withstands dirt accumulation, keeping it smooth and easy to clean.

Sustainability - Using Renewable Resources

The entire product range is available with PEFC™ (the Program for the Endorsement of Forest Certification) or FSC® (Forestry Stewardship Council) certification upon request for restricted quantities and jurisdictions. The use of FSC® and PEFC™ certified compacts may also contribute to points associated with green building certification systems. Products applied in the building can contribute positively towards the compliance of specific BREEAM, LEED and DGNB requirements. These certifications are one of the initiatives resulting from SURFORMA® Sustainability Policy, by which shows its commitment to the use of raw materials from sustainable origin and to forest preservation.

Testing & Certification

Compacts products for scientific solutions are tested and certified according to international standards through its chemical resistance, structural stability, antiviral performance, antibacterial and low emissions. SURFORMA® Compacts were also tested and classified under SEFA (Scientific Equipment & furniture Association) test methods and performance criteria. These rigorous tests demonstrate the superior performance of our compacts resistance and highlight its suitability for medical, biochemical, food and pharmaceutical sectors/laboratories.

Antibacterial

Because of its non-porous finish, the compact can be easily disinfected and doesn't allow the growth of bacteria. Tested according to the method ISO 22196:2011 and verification of the compliance with the Japanese criteria defined in JIS Z2801:2012 for antibacterial activity and efficacy, our compact surface show strong biocidal properties, with a reduction of 99% of the tested bacteria (Escherichia coli ATCC 8739, Staphylococcus aureus ATCC6538).

Antiviral

This new product ANTIVIRAL has been tested under the ISO 21702:2019 for the measurement of antiviral activity on plastics and other non-porous surfaces. The test was performed by the independent Medical and Industrial Biotechnology Laboratory.

The product was tested against the virus SARS-CoV-2 and shows a high viral inactivity rate over 65% in 10 minutes and over 98% after 4 hours. Under the same standard ISO 21702:2019 was also tested the toxicity for human cells (CaCo2), showing the non-cytotoxicity of the product. To assure the Food Safe Contact behaviour of the ANTIVIRAL Laminates and Compacts, the product has been tested under the EN 13130-1:2004 for the specific migration and under the standard EN 1186-1:2002 for the global migration. The ANTIVIRAL product comply with both standards.



LABORATORY SOLUTIONS

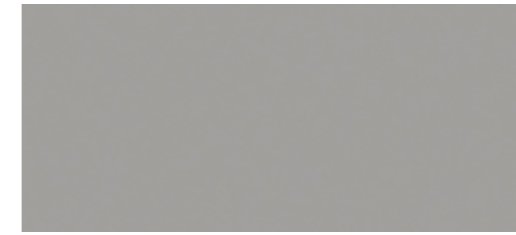
Decors

Diverse and distinctive colours come together to create a palette blending comfort and timeless inspirations.

SURFORMA®'s Labgrade



White Labgrade
Ref: L4170



Grey Labgrade
Ref: L4171

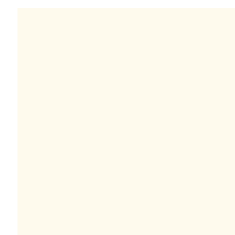


Pearl White
Ref: B4062



Smoke Grey
Ref: L4030

SURFORMA®'s Antiviral and Standard



Pearl White
Ref: B4062



Smoke Grey
Ref: L4030



Light Grey
Ref: L166



Dark Grey
Ref: L167



Black
Ref: L3031



Frozen Blue
Ref: L5203



Jade
Ref: L212



Bambus
Ref: L5206



Basalt
Ref: L927



Hot Pepper
Ref: L5219



Smart Ash Light
Ref: M6305



Magyra Beech Nature
Ref: M6210



Salerno Oak Golden
Ref: M6263



Lyon Walnut
Ref: M4462

Disclaimer

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COMPACTS				
	LABGRADE	ANTIVIRAL	STANDARD	FIRE RETARDANT
	3660 x 1560	3660 x 1560	3660 x 1560	3660 x 1560
TECHNOLOGY	EBC	MELAMINE	MELAMINE	MELAMINE
CORE	BLACK	BLACK	BLACK	BROWN
FINISHES	PERL	TF; LP	TF; LP	TF; LP
THICKNESS	13 - 16 - 20 MM	6 - 8 - 10 - 12- 13 - 16 - 20 MM	6 - 8 - 10 - 12- 13 - 16 - 20 MM	6 MM
DECORATIVE FACES	DOUBLE LABGRADE; TOP LABGRADE & BACK STANDARD BLACK	DOUBLE ANTIVIRAL	DOUBLE STANDARD	DOUBLE FR

Other variants of size, thicknesses and references are subject to prior inquiry

	LABGRADE	ANTIVIRAL	STANDARD	FIRE RETARDANT
GENERAL FEATURES				
TECHNOLOGY	EBC	MELAMINE	MELAMINE	MELAMINE
AGGRESSIVE CHEMICALS RESISTANCE	VERY HIGH	HIGH	HIGH	HIGH
IMPACT RESISTANCE	VERY HIGH	VERY HIGH	VERY HIGH	HIGH
SCRATCH & ABRASION RESISTANCE	VERY HIGH	HIGH	HIGH	HIGH
ANTIVIRAL	-	VERY HIGH	-	-
ANTIBACTERIAL	VERY HIGH	VERY HIGH	VERY HIGH	VERY HIGH
APPLICATIONS / PROPERTIES HIGHLIGHTS				
BIO-CHEMISTRY & MEDICAL SECTOR	IDEAL	SUITABLE	SUITABLE	SUITABLE
PETROCHEMICAL INDUSTRY	IDEAL	SUITABLE	SUITABLE	SUITABLE
PHARMA FOOD & BEVERAGE INDUSTRY	IDEAL	SUITABLE	SUITABLE	SUITABLE
TECHNICAL WORK STATIONS	IDEAL	IDEAL	IDEAL	-
OFFICE WORK STATIONS	-	IDEAL	IDEAL	-
APPLICATIONS	LABORATORIES WORKTOPS, CABINETS, SHELVES AND SPLASHBACKS. IDEAL FOR APPLICATIONS THAT REQUIRE HIGH CHEMICAL RESISTANCE	ALL APPLICATIONS FOR SEVERE USE WHICH REQUIRE A SAFER AND CLEANER ENVIRONMENT BUILT TO LAST	IDEAL FOR WORKTOPS AND CABINETS FOR SEVERE USE WHERE CHEMICAL RESISTANCE IS NOT SO CRITICAL	INTERIOR CLADDINGS FOR HOME CUPBOARDS / HOME HOOD

Website

For more information, updates, technical dossier, specs and marketing materials visit our website and explore all the solutions we have at your disposal. You can also get in touch with us!

Samples


Before making a decision, you can order your favorite samples via our website.

Social Networks

SURFORMA® is social! In order to help our customers realize the endless applications and possibilities offered by our products, SURFORMA® can now be reached via all social media platforms.

Stay tuned for new videos about SURFORMA®, photos of our exclusive products and further events.

Don't forget to follow us on social media:

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RESULTS ACCORDING TO SEFA 3-2010 CLASSIFICATIONS – METHOD B		
TESTS	ANTIVIRAL & STANDARD COMPACT SEFA 3-2010	LABGRADE COMPACT SEFA 3-2010
ACETONE	0	0
ACETIC ACID 98%	0	0
AMMONIUM HYDROXIDE 28%	3	0
BENZENE	0	0
BUTYL ALCOHOL	0	0
CHLOROFORM 98%	0	0
CITRIC ACID 10%	0	0
COFFEE	0	0
DIMETHYLFORMAMIDE	0	0
ETHYL ACETATE	0	0
ETHYL ALCOHOL	0	0
ETHYL ETHER	0	0
FORMALDEHYDE 53%	0	0
FORMIC ACID	2	0
HYDROFLUORIC ACID 48%	0	1
HYDROGEN PEROXIDE 30%	2	0
METHYL ALCOHOL	2	0
METHYLENE CHLORIDE	3	0
MONOCHLOROBENZENE 99,8%	1	0
NITRIC ACID 60%	3	1
PHENOL 90%	0	0
PHOSPHORIC ACID 85%	3	0
RED WINE	0	0
SHOE GREASE	0	0
SODIUM HYDROXIDE 50%	0	0
SULFURIC ACID 90%	3	1
TINCTURE OF IODINE	3	1
TOLUENE	0	0
XYLENE	0	0

CHEMICAL REAGENT

Surface classification system

SEFA 3-2010 Classification:

0. No Effect – No detectable change in the material surface.

1. Excellent – Slight detectable change in colour or gloss but no change in function or life of the surface.

2. Good – A clearly discernible change in colour or gloss but no significant impairment of surface life or function.

3. Fair – Objectionable change in appearance due to discoloration or etch, possibly resulting in deterioration of function over an extended period of time.



SURFORMA[®]
by Sonae Indústria

www.surforma.com