



Technical Specification

Activiors™ Antimicrobial

PANELS | DOORS | TOPS | BESPOKE PRODUCTS

Your Defense Against
Harmful Microorganisms



Activiors – Antimicrobial Surfaces

Activiors combines the very best intrinsic qualities: extreme resistance to the most aggressive chemicals, inherent strength, long lasting durability, and an easy-to-clean surface. What's more, it opens up new design possibilities.

Permanently resistant Powered by Silver Ion technology

Activiors is extremely resistant wall cladding that inhibits microbes on contact. It's not just beautiful—it's safe from chemical and physical abuse. Created from tested and certified raw materials, compressed at high temperatures under intense pressure, the end result is a homogenous, decorative and extremely resistant antimicrobial panel. As it is completely uniform and joint free, it's also permanently resistant to moisture.

Versatility Demand

With excellent physical properties coupled with its ability to resist harsh chemicals (including acids) it is used in variety of setting From childcare centers to health establishments, labs, schools, commercial kitchens, and residential spaces—Activiors™ thrives everywhere Including, but not limited to, laboratories within: Colleges & Universities; Pharma and Biotech; Government; Clinical Research and Diagnostic; CRO & CMO; Hospitals; as well as other sectors such as the petrochemical & food industries.

Excellent mechanical and thermal properties

Test Name	Standard	Unit	Max. or min. (as per thickness)
Density	ISO 1183	g/cm ³	1.3-1.4
Gloss Level (MD) / (CMD)	NEMA LD 3:2005	Gloss unit (a)	1-20 Textured finish, low gloss
Water absorption (24 hours immersion)	BS EN 60893-3-4	Mg	Max 500
Resistance to immersion in boiling water (02 hours) Percentage increase in mass	ISO 4586	%	Max 5.8
Resistance to immersion in boiling water (02 hours) Percentage increase in thickness	ISO 4586	%	Max 6.5
Insulation resistance (after immersion in water for 24 hours)	BS 2572	MΩ	01 (for P1)
Scratch resistance	EN 438-2-25	Degree (b)	3
Antimicrobial properties	JIS Z 2801	% reduction (c)	> 99,9

- (a) The gloss level can be Dull and gloss as per requirement.
- (b) 3 = Continuous scratches at 4N
- (c) The test organism is MRSA ATCC 33591

The provided details are of a 2mm thickness double sheet.

Surpasses all tests

When designing robust and long-lasting laboratory surfaces, three critical factors come into play: antimicrobial, chemical resistance and mechanical strength. Activiors, a standout in this field, excels by combining both attributes¹.

10 year warranty

Because of its superior performance of antimicrobial agent, Activiors comes with a antimicrobial protection warranty.

Perfect disinfectability

Because of its non-porous finish, Activiors can be easily disinfected and doesn't support the growth of bacteria.

As a result you can confidently disinfect, knowing that you will kill > 99.99% of germs. Following a deliberate contamination with the aggressive Staphylococcus Aureus and Escherichia Coli bacterias, and subsequent disinfection¹⁾.

Activiors - Your Defense Against Harmful Microorganisms















Activiors offers a 25% higher impact and scratch resistance, and a 3 times higher abrasion resistance, when compared to Glass or Melamine Surfaces.

Activiors Hygienic Surfaces

From variety of applications in building materials to furniture in interior design, Activiors is at the interface of hygienic ideas and materials. Activiors products are of high-quality composite materials. Our lasting success has been based on high quality, imaginative design, diversity and sustainable production.

Activiors - Unmatched performance

Activiors not only meets the standards, it surpasses them; the harshest chemicals applied to horizontal lab surfaces have no impact whatsoever. The surface is resistant to Hydrofluoric Acid and Sulfuric Acid. It offers a significantly higher resistance to scratching, impact and abrasion, as well as aggressive acids, and has excellent mechanical and physical properties.

 Moisture Resistant	 Food Grade	 Perfectly disinfectable	 Double Sided	 Resistant to Thermal-shock	 Easy to Clean	 Ease of Installation
 Excellent machinability	 Heat resistant up to 180°C/360°F	 Durable	 Excellent chemical resistance	 Anti-Static	 Scratch Resistant	 Impact Resistance

Color variations from the original decors are caused by the technical limitations of the printing process. Please request an original sample.

 Milky White 7601	 Light Green 7010	 Blue 7024	 Cream 7043	 Flouro Orange 7073
 Flouro Blue 7021	 Light Blue 7023	 Flouro Steel 8507	 Gray 7014	 Flouro Red 7072
 Aqua Green 7099	 Flouro Green 7050	 Slate 7056	 Pink 7077	<p>CHOOSE ACTIVIORS™ FOR A CLEANER, SAFER ENVIRONMENT</p>



Activiors™