



OPELEUM

category: antibacterial/anti-heavy traffic/
antistatic vinyl sheet

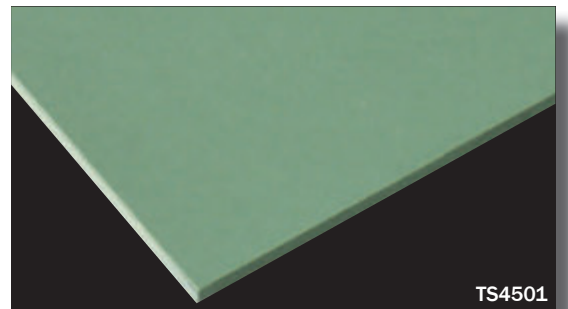
OPELEUM is a multi-functional vinyl sheet for hospital projects. It's antibacterial, antistatic, and also durable to heavy loads as well. Very much suitable for operation rooms.

Specification	overall thickness	2.0mm	width x length	1820mm x 9m
	others	Antibacterial Finished		
JIS Registered No.	No. GB0507188 (JIS A 5705 Vinyl Sheet Flooring)			

Packing	9m/roll		
Net Weight	42.3kg/roll		
Recommended Applications	operation rooms in the hospital		
Recommended Adhesive from TOLI	dried mortar and concrete	Epo Gray S / (for heavy traffic area) Epo Gray S	
	humid mortar and concrete	Epo Gray S	
Welding	Welding rod for heat-welding (antibacterial finished) is available on a color-by-color basis.		
Notes on Installation	<ul style="list-style-type: none"> ◆Seams should be heat-welded. ◆When you install 2 different sheets, each edge should be jointed at the seam. (Do not cut in the middle of the sheet.) ◆For one week after installation, direct sunlight, sudden change of temperature due to air conditioning, and water washing should be avoided. ◆The sub-floor should be reinforced in case it's fragile. ◆As the adhesive for OPELEUM, Epo Gray S should be used. 		
Recommended Maintenance Wax from TOLI	To keep antibacterial performance, the antibacterial wax "HEALTH CARE COAT" from C×S Corporation should be applied on the surface.		
Others	<ul style="list-style-type: none"> ◆To prepare the floor which is durable to rolling loads, please fully check the combination of OPELEUM and the sub-floor, the adhesive, and the loads. For instance, when the sub-floor is too weak, OPELEUM might be destroyed from underneath. ◆Due to the antistatic chemical inside the product, sometimes the surface might become sticky. Therefore the floor should be cleaned on a regular basis. ◆The dirt and stains will be more visible on the floor covering with lighter plain colors, compared to dark colors. Also they are more likely to stick with the deep-embossed surface than the flat surface. ◆Please be aware that some rubber casters might cause color-contamination. ◆Please note that the product has the indigenous odor from its materials. 		

Specialty

MADE IN JAPAN



◆ **Antibacterial Performance** <in accordance with JIS Z 2801>
In JIS testing criteria, when the value is more than 2.0, the product has sufficient antibacterial property.

	Escherichia Coli	Staphylococcus Aureus	MRSA
OPELEUM	More than 2.0	More than 2.0	More than 2.0

☆ Conducted by BOKEN Quality Evaluation Institute

◆ **Durability to rolling loads** <in accordance with JIS A 1454: Caster Rolling Test>

	OPELEUM	
Time until the floor covering swells	More than 180 minutes (1 st stage test by wheels with 110mm Φ)	Less than 60 minutes (2 nd stage test by wheels with 46mm Φ)

1st stage test: JIS A 1454: Caster Rolling Test (load per unit area: approx. 900N/cm²)
2nd stage test: Independent test by TOLI (load per unit area: approx. 2,700N/cm²)

◆ **Antistatic Property** <in accordance with JIS A 1454>

	Surface (Ω)	Volume (Ω)
2.0mm vinyl sheet	1.4 x 10 ¹¹	3.5 x 10 ¹⁰
OPELEUM	2.0 x 10 ¹⁰	2.8 x 10 ⁸

◆ **Antistatic Property to Human Bodies** <in accordance with JIS L 1021-16>

	Rubber Shoes (kv)
2.0mm vinyl sheet	over3.0
OPELEUM	0.58

☆ This is the test result at 23 degrees centigrade, 25%RH. Please bear in mind that antistatic property may differ due to the sub-floor.

TS4502, TS4503, and TS4504 are made-to-order colors.

