



# NONWAXLEUM NW

category: low-maintenance vinyl sheet

**NONWAXLEUM** is a hyper low-maintenance vinyl sheet product, which you can maintain without applying the wax on the surface.

Specification	overall thickness	2.0mm	width x length	1820mm x 20m
	others	Antibacterial Finished / Highly Durable UV-Coated Surface		
JIS Registered No.	No. GB0507188 (JIS A 5705 Vinyl Sheet Flooring)			
Packing	20m/roll			
Net Weight	106.0kg/roll			
Recommended Applications	hospitals / public facilities			
Recommended Adhesive from TOLI	dried mortar and concrete	Eco Royal Cement, Eco AR600 / (for heavy traffic area) Epo Gray S		
	humid mortar and concrete	Epo Gray ST, Super UV Cement		
	TOLI Underlay Sheet	US Cement, US Cement (less-smelly), US200, Super UV Cement		
Welding	Welding rod for heat-welding (antibacterial finished) is available on a color-by-color basis. Seam sealer like TOLI Super Seam Liquid can also work.			
Notes on Installation	<ul style="list-style-type: none"> <li>◆Seams should be heat-welded or finished with a seam sealing bond.</li> <li>◆When you install 2 different sheets, each edge should be jointed at the seam. (Do not cut in the middle of the sheet.)</li> <li>◆For one week after installation, direct sunlight, sudden change of temperature due to air conditioning, and water washing should be avoided.</li> <li>◆Please do not use the urethane adhesive other than Super UV Cement.(except using TOLI Underlay Sheet)</li> <li>◆As the sub-floor material, the underlayment TOLI UNDERLAY SHEET (page 236) is also workable. Apply the same adhesive for both upside and downside of the underlayment. Please note that the durability to dynamic load will be degraded when you install with the underlayment.</li> <li>◆When you install NONWAXLEUM NW in the places where rollaway beds are used (e.g. a patient room of the hospital, a living room of the welfare facility and so forth), the epoxy adhesive such as TOLI Epo Gray ST or TOLI Epo Gray S and urethane adhesive such as TOLI Super UV Cement should be used even if the humidity of the sub-floor is less than 8%.</li> </ul>			
Recommended Way of Maintenance from TOLI	<ul style="list-style-type: none"> <li>◆No need to apply the maintenance wax on the surface. Clean the floor every day with an auto scrubber or a wet rag wrung out tightly. Use the neutral detergent for fixed contamination.</li> <li>◆Even if the wax is applied on the surface, it does not affect the quality of NW series.</li> <li>◆For a large facility, an abstergent auto scrubber is more recommendable.</li> <li>◆High speed buffing should be avoided. Otherwise highly durable UV coating will be abraded.</li> </ul>			
Others	<ul style="list-style-type: none"> <li>◆At the entrance of the building, the dust control mat should be laid in order to avoid soils and sands from outside.</li> <li>◆To prepare the floor which is durable to rolling loads, please fully check the combination of the floor covering, the sub-floor, the adhesive, and the loads. For instance, when the sub-floor is too weak, the floor covering might be destroyed from underneath.</li> <li>◆Please be aware that some rubber casters might cause color-contamination.</li> <li>◆Please note that the product has the indigenous odor from its materials.</li> </ul>			

Specialty Flooring

MADE IN JAPAN



TS7001



▲ TS7006/TS7008



TS7001



TS7004



TS7002



TS7005



TS7003



TS7006



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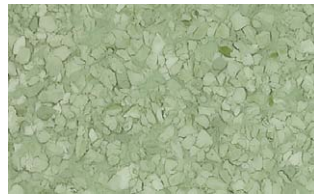
category: low-maintenance vinyl sheet



Specialty Flooring



TS7007



TS7011



TS7008



TS7012



TS7009



TS7013



TS7010



TS7014



TS7015

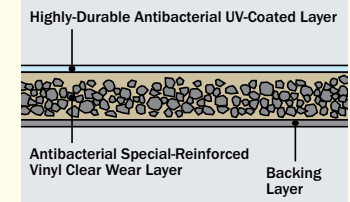


TS7016

## NO NEED TO APPLY THE MAINTENANCE WAX

NONWAXLEUM NW has an excellent abrasion resistance with its highly-durable antibacterial UV-coated layer and also its antibacterial special-reinforced vinyl clear wear layer. Dirt and stains are not likely to stick, and even if they do, you can easily remove them. The floor can be maintained with least time and efforts.

### Structure of NONWAXLEUM



### Scuff Mark Testing

product	NONWAXLEUM NW	2.0mm vinyl sheet
before cleaning		
after cleaning		

※ For the details of maintenance without applying the wax, please contact TOLI sales rep.

## DURABLE TO RUNNING OF CASTERS AND WHEEL CHAIRS

NONWAXLEUM NW has excellent durability to rolling loads like casters and carts. It's recommendable for various projects such as healthcare and welfare facilities where you can expect heavy traffic by rollaway beds and wheel chairs, and also education and commercial facilities where carts come and go frequently.

### Caster Rolling Test (adhesive: TOLI Epo Gray S)

NONWAXLEUM NW	2.0mm vinyl sheet
1st stage test Not swelled after 180 minutes	1st stage test Swelled after 60 minutes

※ When you need the durability to rolling loads, please install with TOLI Epo Gray S.

## 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
NONWAXLEUM NW	More than 2.0	More than 2.0	More than 2.0

Conducted by Japan Spinners Inspecting Foundation

● When you install NONWAXLEUM where rollaway beds with double wheel casters are used (e.g. patient rooms or living rooms of healthcare/welfare facilities), select the epoxy adhesive.

◆ double wheel caster (example)



Even when the sub-floor humidity measured by the high-frequency moisture meter is less than 8%, install with the epoxy adhesive such as TOLI Epo Gray ST or TOLI Epo Gray S.

## Durability to Rolling Loads <in accordance with JIS A 1454: Caster Rilling Test>

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

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