



DEODORANT NS TOWARE NW

category: stain-resistant/slip-resistant/deodorant vinyl sheet

With its excellent stain-resistant and easy-to-maintain performances, beautiful appearance can be kept in the rest room for long. Vinyl sheet with great designs and functions specifically for toilets.



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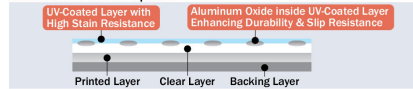
Specification	overall thickness	2.0mm	width×length	1820mm×9m
JIS Registered No.	others	Antibacterial Finished / Highly Durable UV-Coated Surface No. GB0507188 (JIS A 5705 Vinyl Sheet Flooring)		
Packing	9m/roll			
Net Weight	48.6kg/roll			
Recommended Adhesive from TOLI	dried mortar and concrete	Epo Gray ST, US Cement, US Cement (less-smelly)		
	heavy traffic use	Epo Gray S		
Welding	humid mortar and concrete	Epo Gray ST, US Cement, US Cement (less-smelly), US200		
	*Welding rod for heat-welding (antibacterial finished) is available on a color-by-color basis. Edges should be finished with sealing materials such as TOLI NS Seal. *JOINT SHIELD method (JS Method) by TOLI JOINT SHIELD is also applicable.			
Notes on Installation	*Seams should be heat-welded or finished with a sealing bond. *TOLI JOINT SHIELD can also work on the top of TOLI UNDERLAY SHEET, but when partial weight will be put on the floor (such as heavy stuff or casters), the seam joints should not be finished with TOLI JOINT SHIELD. *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. *If you roll up DEODORANT NS TOWARE NW to the wall, please install with a sealing material. *The surface of DEODORANT NS TOWARE NW is rather solid because aluminum oxide is contained. Therefore, when you use the cutter knife, please replace the edge frequently to avoid the abrasion. *Unless you clean the floor by wet type of maintenance, TOLI UNDERLAY SHEET (page 308) is workable as the sub-floor material. Apply the same adhesive for both upside and downside of the underlayment. *Please do not use the urethane adhesive other than US Cement, US Cement (less-smelly), US200.			
	*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. *Even if the wax is applied on the surface, it does not affect the quality of NW series. *High speed buffing should be avoided. Otherwise highly durable UV coating will be abraded.			
	*DEODORANT NS TOWARE NW is for indoor use. Do not install in exterior or semi-exterior places that are exposed to direct sunlight for a long time. *Please be aware that some rubber casters might cause color-contamination. *When you install DEODORANT NS TOWARE NW in the bathrooms where you can expect soils and sands will be brought in from outside or somewhere other than bathrooms, the maintenance wax may be required to keep a better appearance. *When you finish the edge with TOLI NS Seal at a high temperature in summer, the bubble might be caused on the joints. You can avoid that by decreasing Liquid B of NS Seal by 50 to 75%. In that case please do not walk on the floor for 24hours after installation because it will take time to be hardened. *After you clean the floor with a wet rag, in case you leave the floor in a wet condition for many hours, DEODORANT NS TOWARE NW might be bleached by absorbing the water. That will also cause bacteria or bad smells. Please wipe with a dry mop and keep DEODORANT NS TOWARE NW always in a dry condition. *The stain-resistance of welding rods is not better than that of DEODORANT NS TOWARE NW. *If you clean the floor by wet type of maintenance, do not use TOLI UNDERLAY SHEET (page 308) as the sub-floor material. *Please note that the product has the indigenous odor from its materials. *When you apply the wax on the surface, deodorant efficacy might be lowered.			
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Recommended Way of Maintenance from TOLI	*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. *Even if the wax is applied on the surface, it does not affect the quality of NW series. *High speed buffing should be avoided. Otherwise highly durable UV coating will be abraded.			
Others	*DEODORANT NS TOWARE NW is for indoor use. Do not install in exterior or semi-exterior places that are exposed to direct sunlight for a long time. *Please be aware that some rubber casters might cause color-contamination. *When you install DEODORANT NS TOWARE NW in the bathrooms where you can expect soils and sands will be brought in from outside or somewhere other than bathrooms, the maintenance wax may be required to keep a better appearance. *When you finish the edge with TOLI NS Seal at a high temperature in summer, the bubble might be caused on the joints. You can avoid that by decreasing Liquid B of NS Seal by 50 to 75%. In that case please do not walk on the floor for 24hours after installation because it will take time to be hardened. *After you clean the floor with a wet rag, in case you leave the floor in a wet condition for many hours, DEODORANT NS TOWARE NW might be bleached by absorbing the water. That will also cause bacteria or bad smells. Please wipe with a dry mop and keep DEODORANT NS TOWARE NW always in a dry condition. *The stain-resistance of welding rods is not better than that of DEODORANT NS TOWARE NW. *If you clean the floor by wet type of maintenance, do not use TOLI UNDERLAY SHEET (page 308) as the sub-floor material. *Please note that the product has the indigenous odor from its materials. *When you apply the wax on the surface, deodorant efficacy might be lowered.			

MADE IN JAPAN



EASY MAINTENANCE AND EXCELLENT SLIP RESISTANCE

(Excellent Slip-Resistance and Easy Maintenance Surface)
The surface is finished with highly-durable antibacterial UV coating and aluminum oxide, which provides excellent slip-resistance and no maintenance wax is required.



◆Slip Resistance <in accordance with JIS A 1454, rubber shoes>

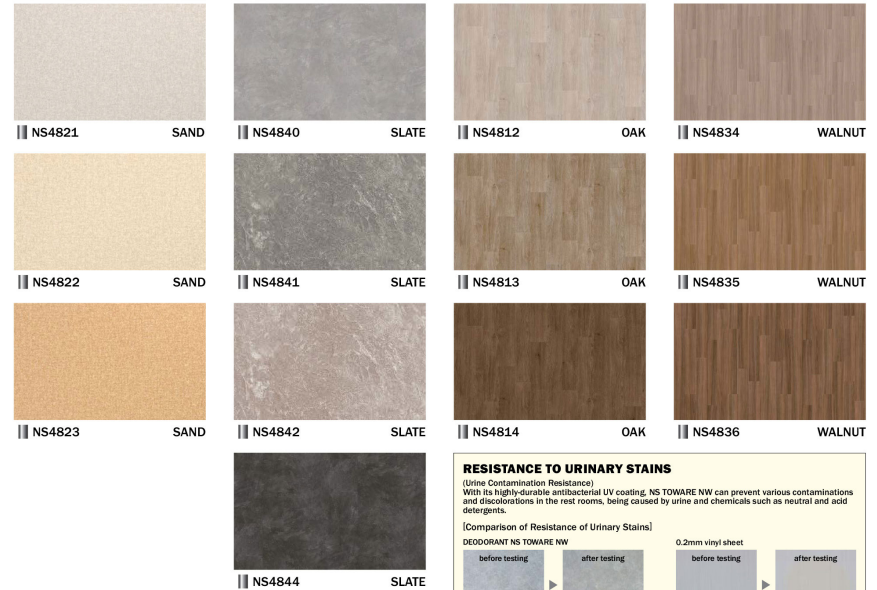
	C.S.R. value	
	dry	wet and dusty
DEODORANT NS TOWARE NW	0.74	0.48
2.0mm vinyl sheet	0.84	0.46

EXCELLENT DURABILITY TO ROLLING LOADS

With its excellent durability to rolling loads, DEODORANT NS TOWARE NW is recommendable for multi-functional bathrooms where wheel chairs can go in.

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

DEODORANT NS TOWARE NW		
Time until the floor covering is worn	More than 180 minutes(1 st stage)	Less than 30 minutes(2 nd stage)
	test by wheels with 130mm φ	test by wheels with 46mm φ
	1 st stage test: JIS A 1454: Caster Rolling Test (load per unit area: approx. 900N/cm ²)	2 nd stage test: Independent test by TOLI (load per unit area: approx. 2,700N/cm ²)

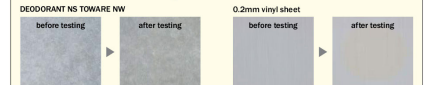


▲ NS4844

RESISTANCE TO URINARY STAINS

(Urine Contamination Resistance)
With its highly-durable antibacterial UV coating, NS TOWARE NW can prevent various contaminations and discolorations in the rest rooms, being caused by urine and chemicals such as neutral and acid detergents.

[Comparison of Resistance of Urinary Stains]

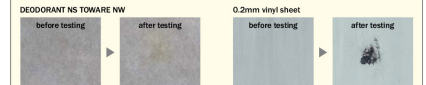


<Test Method>
Put the absorbent cotton on the floor covering. Drip the urine and leave it for 3 days at 50 degrees Centigrade. After repeating the same procedure 3 times, clean and dry the surface. Then check the color change.

HEAT RESISTANCE

Cigarette burn will not easily remain compared to other vinyl sheet products. (The temperature of light of cigarettes is 500 to 700 degrees Centigrade. Therefore please bear in mind that slight scorch may be caused on any kind of vinyl flooring.)

[Cigarette Burn Test]

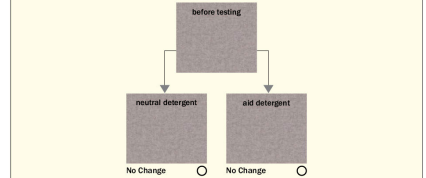


<Test Method>
Stamp out the cigarette on the floor covering. Visually check the appearance afterwards.

STAIN RESISTANCE

For the use in bathrooms, stain resistance is definitely required. DEODORANT NS TOWARE NW has excellent resistance to various kinds of stains.

[Stain Resistance Test]



<Test Method>
Put the absorbent cotton on each floor covering. Drip 1ml of chemical and cover with clock glass, and then leave it for 24 hours. After cleaning and drying the surface, visually check the appearance.