



# LL FREE 50 NW-EX (500mm square)

category: low-maintenance  
vinyl loose lay tile

No need to apply the wax on the surface. LL FREE 50NW-EX is an easy-to-maintain loose lay tile with the authentic image of natural wood and stone.

Specification	overall thickness	5.0mm	size	500mm×500mm
	others	Highly Durable UV-Coated Surface (EX-finish) / NO Beveling / TTN3303 Beveled		
Packing	10pcs/box = 2.50m <sup>2</sup> /box			
Net Weight	22.5kg/box			
Performance	flame-retardant	Fire Defense Law in Japan Authorized NO.E2160122		
Recommended Adhesive from TOLI	TOLI ECO GA Cement	(required quantity) for steel or plastic sub-floor	40 to 60 gram/m <sup>2</sup>	
		for mortar and wood sub-floor	60 to 100 gram/m <sup>2</sup>	
Way of Installation	Monolithic		or            Quarter Turn	
Notes on Installation	<ul style="list-style-type: none"> <li>Installation at temperature above 10 degrees centigrade is more recommendable.</li> <li>When you install LL FREE 50 NW-EX below 15 degrees centigrade, the joints of tiles should retain a very slight gap as thin as name cards.</li> <li>When you install LL FREE 50 NW-EX on the free access floor each tile should be laid to slide over the joint of free access floor panels in the middle. (The joint of LL FREE 50 NW-EX should not be matched to that of free access floor panels.)</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>High speed buffing should be avoided. Otherwise highly durable UV coating will be abraded.</li> <li>NW-EX series have the wax-repellent surface. Do not apply the wax for maintenance.</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>In case there's a level difference, a crevice, or bumpiness on the free access floor, sometimes it could be visible even after you install the tiles.</li> <li>Please note that the product has the indigenous odor from its materials.</li> </ul>			

MADE IN JAPAN



### ◆ Antistatic Property 23°C 25%RH <in accordance with JIS A 1454>

	Surface (Ω)	Volume (Ω)
2.0mm vinyl composition tile	2.0×10 <sup>12</sup>	1.0×10 <sup>11</sup>
LL FREE 50 NW-EX	1.2×10 <sup>10</sup>	3.8×10 <sup>9</sup>

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

	Rubber Shoes (kv)
2.0mm vinyl composition tile	over 3.0
LL FREE 50 NW-EX	0.3

☆ 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.

### ◆ WOOD



TTN3001 OAK



TTN3002 OAK



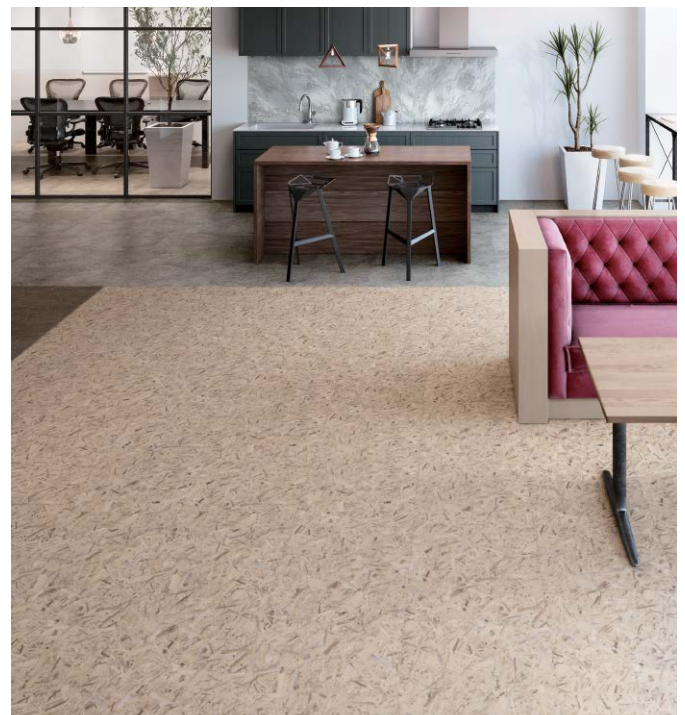
TTN3004



TTN3005



Based on intensive research on authentic texture of natural stones and wood-grains, realistic natural tones have been reproduced.  
The color number marked with ◆ has a Natural Tone pattern.



▲ TTN3004

Specialty Flooring



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## ◆ STONE



TTN3201



TTN3202



TTN3204



TTN3205



TTN3206



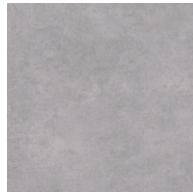
TTN3207 ◆



TTN3209 ◆



TTN3211



TTN3212



TTN3213 ◆



TTN3214



TTN3215



TTN3216



TTN3217



TTN3303



▲ TTN3213/GX9652V (DIFFEBRILLER - page 119)



▲ TTN3303

Specialty  
Flooring