

NS UNDERLAY SHEET

category: underlayment

NS UNDERLAY SHEET is an underlayment designed for NS Sheet collection from TOLI. It reduces noises to downstairs, and works as a shock-absorber as well.

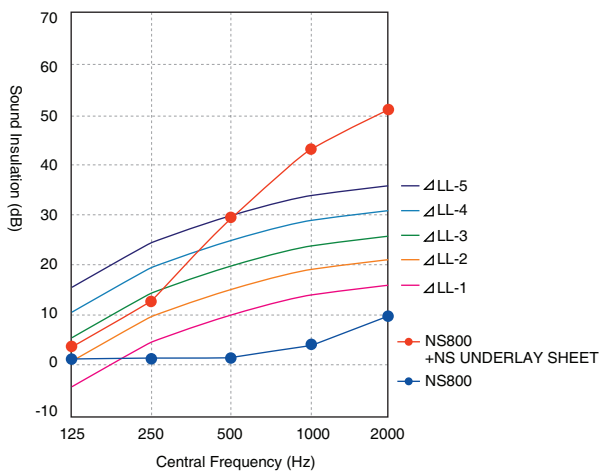
Specification	overall thickness	2.4mm	width x length	950mm x 20m
Packing	20m/roll			
Net Weight	2.6kg/roll			
Recommended Applications	corridors or balconies in the apartment			
Recommended Adhesive from TOLI	dried mortar and concrete	US Cement, US Cement (less-smelly), US200		
	humid mortar and concrete	US Cement		
Notes on Installation	<ul style="list-style-type: none"> ✦ Please use the same adhesive for both top and bottom of NS UNDERLAY SHEET. ✦ Where you can expect the floor will get wet (e.g. open corridor, balcony, and so forth), NS UNDERLAY SHEET should be installed in accordance with the method for humid mortar and concrete. ✦ The joints of NS UNDERLAY SHEET should not be matched to the joints of floor covering above. ✦ The edges of NS UNDERLAY SHEET and floor covering should be finished with TOLI Soft Seal. ✦ NS UNDERLAY SHEET should be installed in two-way alternate directions. ✦ When you install NS UNDERLAY SHEET, the outside of the roll should be turned up. ✦ After you install NS UNDERLAY SHEET, cure the floor for more than 24 hours until you start to install the floor covering above. 			
Others	<ul style="list-style-type: none"> ✦ If you lay heavy stuff such as furniture, you cannot avoid the residual indentation. In that situation, please lay another board on the floor covering to break up the heavy load. Normally the load at a grounding point should be less than 1kg/cm². ✦ NS UNDERLAY SHEET cannot be installed on the stairs. ✦ Where you can expect casters or other rolling loads will frequently come and go, the wheel tracks could be outstanding. In those places, please try to avoid using NS UNDERLAY SHEET. ✦ Please note that the product has the indigenous odor from its materials. 			

Specialty Flooring

NS UNDERLAY SHEET can insulate the sound of footsteps and falling objects to downstairs.

The following graph shows the sound insulation comparison between "NS800" and "NS800 + NS UNDERLAY SHEET" in accordance with JIS A 1440-1:2007 "Method of Measuring the Sound Insulation of the Floor Covering on the Concrete Sub-Floor in the Laboratory". "NS800 + NS UNDERLAY SHEET" can drastically reduce the high-frequency harsh sound, which is more than 1,000Hz. This is why when you use NS UNDERLAY SHEET as the sub-floor, you can expect excellent sound insulation.

◆ Sound Insulating Performance of Lightweight Floor Covering

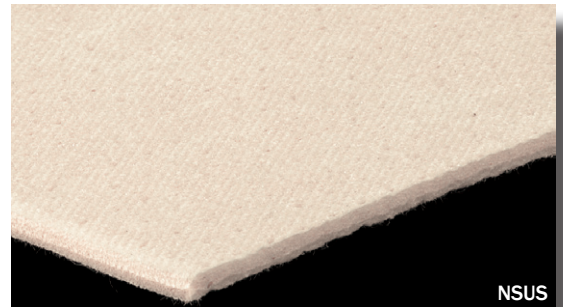


◆ Indentation Resistance

(unit: mm)

	Right after the load is removed	1 day later	3 days later	A week later	One month later
NS800+NS UNDERLAY SHEET (overall thickness: 4.9mm)	2.61	2.25	1.95	1.53	0.69

☆ Put a small disk with 20mm diameter on the floor, and press it with 80kg of loading. After removing the load, measure the indentation.



NS800



NS550

APPLICABLE PRODUCTS OF NS UNDERLAY SHEET

For semi-outdoors and indoors	NS800
	NS REAL DESIGN (wood & stone)
	NS9500 NEW TOUGH SHINE
For indoors only	NS550 GARDENT
	NS REAL DESIGN (porcelain)