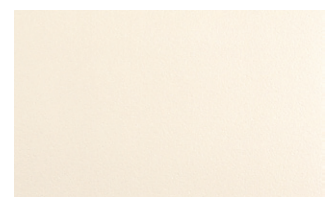


UNDERLAY SHEET

category: underlayment for vinyl sheet

UNDERLAY SHEET is the underlayment for the floor covering in hospital/healthcare segments. It can improve the shock-absorbing performance of the sub-floor. Recommendable for the places where safety is especially required.

Specification	overall thickness	4.5mm	width x length	1820mm x 18m
Packing	18m/roll			
Net Weight	57.6kg/roll			
Recommended Adhesive from TOLI	dried mortar and concrete	US Cement, US Cement (less-smelly), US200		
	humid mortar and concrete	US Cement, US Cement (less-smelly), US200		
Notes on Installation	<ul style="list-style-type: none"> ◆Please use the same adhesive for both top and bottom of UNDERLAY SHEET. ◆When you install UNDERLAY SHEET, the side with TOLI logo printed should be the back. ◆When you cut the joints, overlap both sheets and cut at a time (stack-cutting). ◆UNDERLAY SHEET should be installed in two-way alternate directions. ◆After you install UNDERLAY SHEET, cure the floor for more than 24 hours, and then install the floor covering above. 			
Others	<ul style="list-style-type: none"> ◆UNDERLAY SHEET cannot be used together with the following products. SUPER K SHEET/SUPER K SHEET MORE/FLOORLEUM FREE/EARTHLEUM/ELECLEUM/STANLOAD/FACTLEUM/OPELEUM ◆If you lay heavy stuff such as a furniture, you cannot avoid the residual indentation. In that situation, please lay a bottom board on the floor covering to break up the heavy load. Normally the load at a grounding point should be less than 1kg/cm². ◆Where you can expect casters or other rolling loads will frequently come and go, the wheel tracks could be outstanding. ◆Please note that the product has the indigenous odor from its materials. ◆Please bear in mind that UNDERLAY SHEET is not a sound-proof product. It cannot exactly prevent sound penetration. 			



ULST

<Residual Indentation Testing for TOLI SF FLOOR+UNDERLAY SHEET>

Load:
4.2kg/cm²

Period:
2 weeks

Temperature:
22 degrees centigrade



2 weeks after loading
(right after removing
the load)



1 week after
removing the load



2 weeks after
removing the load

<Noise Reduction>

(Criteria for Evaluation) << loud

silent >>

Evaluation	D	C	B	A
Improvement (dB)	Less than 5	5 to 10	10 to 20	More than 20

D= to be heard clearly when you drop something on the floor
C= to be heard when you drop something solid on the floor
B= to be heard when you drop something solid and heavy on the floor
A= not to be easily heard no matter what you drop on the floor

(Noise reduction comparison)

Kind of Floor Covering	SF FLOOR 2.8mm	SF FLOOR 3.5mm	SF FLOOR 2.8mm + UNDERLAY SHEET	2.0mm vinyl sheet	Carpet tile
Evaluation	C	B	B	D	A
Improvement (dB)	8.9	11.2	15.2	2.3	29

◆ <Structure of UNDERLAY SHEET>

