



Anti-viral performance of Vinyl Sheets, tiles, Wallcoverings & dados



Data below will help you to organize hygienic space as the guidance about performances of interior finishing materials. Anti-viral property of floor covering will play a supplementary role to prevent the growth of viruses, and to achieve more hygienic environment. Anti-viral agents kneaded into surface layer will give the flooring a function of reducing specific viruses by 99% or more.

Anti-viral performance

			Antibacterial criteria (Antibacterial Active Value: ≥ 2.0)	
Category	Product name	Thickness (mm)	Anti-viral active value	SIAA Certification Label
Vinyl sheet	CF SHEET-H	1.8		
	CF SHEET-SD	3.5		
	CF SHEET-P NW	2.3		
	FLOORLEUM PLAIN NW / FLOORLEUM MARBLE NW	2.0/2.5		
	FLOORLEUM PREMIER NW Series*1	2.0		
	HITOE GRANZA/FINE	2.0		
	NONWAXLEUM NW	2.0		
	MATURE NW	2.0		
	DEODORANT NS TOWARE NW	2.0		
	HOSPILEUM NW	2.0		
	SF FLOOR NW	2.8		
	CARESAFE NW	4.5		
	ARENA FIT	4.5		
Wainscoting	TOLI STAIN-RESISTANT DEODORANT KOSHIKABE SHEET (Dado)	1.0		
Vinyl tile	LAYFLOORING PITAFI	2.0		
	TOUGHTTEC TILE	3.0		
	E-CLEAN NW-EX	3.0		
	E-CLEAN MASTER NW-EX	3.0		
	LOOSELAY MASTER NW-EX	5.0		
	LOOSELAY 50NW-EX	5.0		
	LOOSELAY 40NW-EX	4.0		
BIOMICSTONE	3.0			
Wallcovering	ANTI-VIRAL WALLCOVERING •DECO POWER •VS	—	2.0 or over (virus without envelope)	POWER1000 VS
	REAL DECO / 100 BEST WALLCOVERINGS FOR LIVING •REAL DECO •100 BEST WALLCOVERINGS FOR LIVING	—	2.0 or over (with/without envelope)	100 BEST WALLCOVERINGS FOR LIVING

*1 series consists of FLOORLEUM SOILUD NW, LATTICE NW, FLAKE NW, NATTY NW.

[Criteria for Evaluation] to be Judged as anti-viral: Anti-viral activity value of **2.0 or higher** for either or both virus types with and without envelope.

● Test method

Antiviral test (ISO21702 method)

Two type samples are prepared in a 50mm square size: One is "processed products" with antiviral treatment and another is "unprocessed products" without antiviral treatment. Inoculate each test sample with 0.4 ml of viral solution, cover it with a coating film, and keep it at 25±1°C & 90%RH or higher for 24 hours.

Then, the viruses are collected from the test samples, and the viral transmission value is measured by the plaque method. The test results are evaluated as an antiviral activity value by comparing the number of viruses on the processed product and those on the un-processed product.

SIAA Certification



- SIAA marking is indicated on products that have been quality-controlled and such information been disclosed in accordance to the guidelines of the Antimicrobial Products Engineering Council based on the results evaluated by ISO21702 method.
- Complies with SIAA safety standards.
- Reduce the number of specific viruses on the product.
- Anti-viral processing is not intended for the treatment or prevention of illnesses.

*All the testing was conducted by TOLI's in-house labs unless otherwise specified. The data shows actual test results, not guaranteed value.