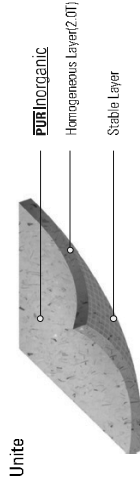




# Homogeneous Sheet

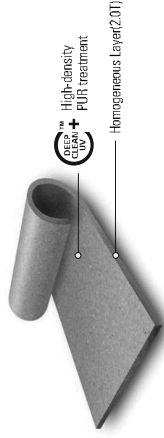
Unite provides stronger adhesiveness to subfloor with polyester membrane and enhanced surface with special PUR treatment. Medistep Origin, available in dual specifications, offers strong iodine and wear resistance.

## Construction



Unite

## Medistep Origin, Medistep Origin+



Medistep Origin, Medistep Origin+

Surface Treatment	Origin	Characteristics
Deep Clean UV	Wear Group P	Wear Group P
Deep Clean UV +	High Density UV	High Density UV
Deep Clean UV +	Waxable UV	Waxable UV
Deep Clean UV +	Wear Group T	Wear Group T
Deep Clean UV +	Anti-iodine UV	Anti-iodine UV
Deep Clean UV +	Waxable UV	Waxable UV

## Technical Data

Characteristic	Standard	Unit	Unite	Medistep Origin	Medistep Origin+
Surface treatment			PUR Inorganic	Deep Clean UV	Deep Clean UV+
Format			Homogeneous Sheet	Homogeneous Sheet	Homogeneous Sheet
Classification	ISO 10674(EN 685)		34 - 43	34 - 43	34 - 43
Roll length		m	20	20	20
Width	ISO 24341(EN 426)	mm	2.000	2.000	2.000
Thickness	ISO 24348(EN 426)	mm	2.0	2.0	2.0
Weight	ISO 23987(EN 430)	g/m <sup>2</sup>	< 2,989	< 2,989	< 2,900
Residual indentation	ISO 24343-1(EN 433)	mm	Approx. 0.03	≤ 0.1	≤ 0.1
Dimensional Stability	ISO 23930(EN 434)	%	≤ 0.40	≤ 0.40	≤ 0.40
Color fastness to light	ISO 106-902		> 6	≥ 6	≥ 6
Wear resistance	EN 680-2		T	P	T
Castor chair test	ISO 4918(EN 425)		Fulfilled	Fulfilled	Fulfilled
Reaction to fire	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1
Chemical resistance	ISO 26987(EN 423)		Passes	Passes	Passes
Slip resistance	EN 13683		DS	DS	DS
	DIN 51130		R9	R9	R9
Impact sound reduction	EN ISO 140-8	Δ, dB	Approx. 2	Approx. 2	Approx. 2
Flexibility	ISO 24344(EN 435)		no crack	no crack	no crack
Body voltage	EN 1815	kV	< 2	< 2	< 2
Thermal resistance	EN 12524	m <sup>2</sup> /kW	0.25	0.25	0.25
TWOC after 28days (after 3, 7 and 28days)	ISO 16000-6	μg/m <sup>2</sup>	< 10	< 10	< 10

## Feature

**Deep Clean UV Surface Treatment**  
Solid, high-density coating structure  
Strong anti-bacterial and anti-iodine treatment  
Waxing and coating allowed after delamination



**Deep Clean UV+ Surface Treatment**  
Industry's best anti-scratch, anti-bacterial, and anti-iodine treatment  
Waxing and coating allowed after delamination



## Unite



- Upgraded homogeneous flooring with polyester membrane for easier installation.
- Enhanced durability (Wear group T) by high-density homogeneous layer.
- Maintenance cost saving by strong resistance against scratch by
- The clean flooring for healthcare application with hygienic function **PUR Inorganic** against bacteria and fungi.

## Medistep Origin, Medistep Origin+



**DEEP CLEAN UV+ Surface Treatment**  
High-density PUR surface treatment allows strong iodine resistance and anti-bacterial effect.  
Phthalate & Heavy Metal Free  
No hazardous ingredients used during production. Use 100% Phthalate free plasticizers only.



**Design Competitiveness**  
Therapeutic color-selection and 3-stage marbling technique applied for mind comforting design.



SMO T202 / SMO T204 / WAL 2008