

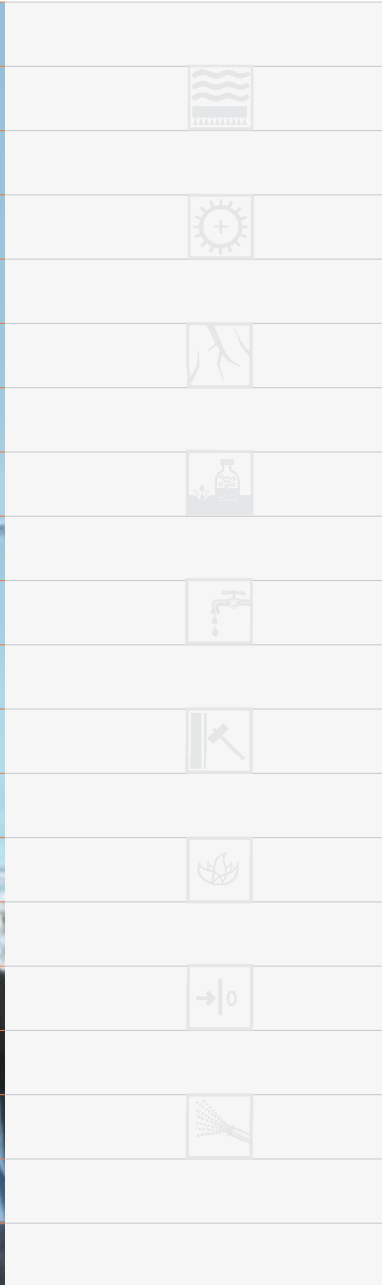
Where hygiene is essential

Hospitals operating theatres clinics laboratories
e.g. kitchens bathrooms clean rooms food processing ...

The wall covering that offers maximum protection against chemical agents and contamination.



Foto: Franco



The Requirements

Studies on bacteria that are becoming ever more resistant speak a distinct language. These organisms are increasingly the cause of life-threatening illnesses which even antibiotics are unable to control. The only solution is absolute hygiene. One of the main ways of preventing infection even from resistant bacteria is to disinfect surfaces using absolute, simple and thorough methods.

The Solution

Gurimur® TEDLAR® by DuPont™ is a vinyl wall-covering with a surface protection made of a transparent, tough TEDLAR® film. It has similar properties as DuPont™ Teflon®. TEDLAR® is practically resistant to most chemical agents, even solvents. It is extremely easy to clean and disinfect, and retains its new look even after many years of use.

Absolute safety and hygiene

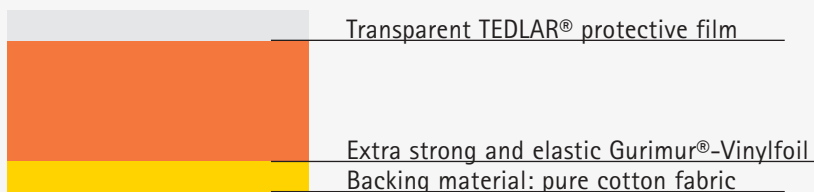
Gurimur® TEDLAR®

Properties Benefits

- Gurimur® TEDLAR® prevents undesired deposits, that may form in porous surfaces and tile joints.
- Completely homogeneous, reliable surfaces
- Easy to install, like a normal wallpaper
- Gurimur® TEDLAR® is totally hygienic to apply with only hairline joints between strips.
- Covers wall fissures and prevents dirt and bacteria from taking hold
- Resistant to scrubbing
- Scuff and scratch resistant
- Has the same resistance to chemical agents as a ceramic tile
- Absolutely hygienic and easy to clean
- Easy to clean using conventional detergents or solvents for stubborn stains
- Easy to disinfect and decontaminate. If Formaldehyde, Bac or Incidin is used, the surface remains disinfected for a long period of time.
- Durable
- Cost-effective
- Available in practically any colour on request

- Gurimur® TEDLAR® is a flexible, resistant wallcovering 130 cm wide. It is installed like a wallpaper.

Composition of Gurimur® TEDLAR®:



100% fully washable and scrubbable	
High degree of lightfastness	
Hides wall fissures	
Resistant to chemical agents	
Suitable for bathrooms/kitchens	
Highly scuff and scratch resistant	
Flame-retardant	
Random match designs	
Easily disinfected	

Applications

Gurimur® TEDLAR® is ideal wherever:

- extreme cleanliness and resistance to chemical attack are vital (hospitals, laboratories, operating theatres, doctor's surgeries ...)
- extreme contamination occurs and cleaning methods must be simple (to reduce costs) (corridors, doors, therapy rooms, schools, hotels, gymnasiums, etc.)
- a cost-effective alternative is required for ceramic tiles (bathrooms, toilets, kitchens ...)

Technical specifications

Top material	Extra strong and elastic vinyl film with TEDLAR® PVF protective film
Backing material	Pure cotton fabric, good moisture resistance
Lightfastness	High, wool scale 7 (DIN 53388).
Cleaning	Fully washable, resists practically all chemical agents, even solvents
Disinfection	Easy to disinfect
Inflammability	Flame-retardant
Permeability	Vapour permeability (DIN 53122): approx. 2-5 g/m ² /24h
Tear strength	TEDLAR®: machine direction: approx. 30 kp / 5 cm transverse direction: approx. 25 kp / 5 cm TEDLAR® PLUS: machine direction: approx. 40 kp / 5 cm transverse direction: approx. 35 kp / 5 cm
Weight	TEDLAR®: approx. 350 g/m ² TEDLAR® PLUS: approx. 600 g/m ²
Extensibility	High, hides wall fissures
Redecoration	Dry stripping
Applications	See our hanging instructions, easy to install, no skin irritation
Dimensions	TEDLAR®: width 130 cm / length 50 m or cut length TEDLAR® PLUS: width 130 cm / length 30 m or cut length All variants are available in cut lengths.



TEDLAR® and Teflon® are protected by trademark law in the name of DuPont™ or one of its subsidiaries.

Stain resistance of Gurimur® TEDLAR®

Staining agents were applied to the film, allowed to dry for 24 hours, and then removed. Listed is the strongest agent required to remove the stain.

Key

- 0 = Dry paper towel
- 1 = Damp paper towel
- 2 = Mild soap and water
- 3 = «Lestoil» heavy duty cleaner
- 4 = Scrubbing agent and water
- 5 = Solvent (Toluene)

Acetic Acid 5%	0	Grease	2	Methyl purple	1	Silver protein	1
Acetone	0	Hair oil	2	Methyl red	1	Sodium bisulphate	1
Alcohol	0	Hand soap	1	Methylene blue in phenol indicator	1	Sodium bisulphite	1
Ammonia (10%)	0	Hydrochloric acid 5%	0	Milk	1	Sulphuric acid (5%)	0
Amyl acetate	1	Hydrogen peroxide (30%)	0	Moth spray	1	Synthetic perspiration	1
Beet juice	1	Hypochlorite bleach	1	Motor oil	2	Tea	2
Bromocresol green in methyl alcohol	1	Ink (ball pen)	3	Mustard	1	Tomato juice	2
Carbon tetrachloride	0	Ink (marking pen)	3	Nail polish	5	Trisodium phosphate	1
Catsup	2	Ink (stamp pad)	1	Nitric acid (5%)	0	Turpentine	2
Chocolate syrup	1	Ink (washable)	1	Olive oil	2	Urea	1
Cigarette smoke	1	Insect spray (Raid)	2	Pencil	1	Urine (canine)	1
Citric acid (10%)	1	Insect spray	2	Permanent eyelash darkener	1	Vinegar	1
Coffee	1	Iodine	4	Phenol (5%)	1	«Vitalis» hair oil	2
«Dreft» detergent	1	Jam, jelly	1	Phenol blue	1	Water	0
Dye (clothes)	1	Lard	0	Phenol red (1%)	1	«Wright» blood stain	2
Dye (hair)	1	Lipstick	3	Potassium permanganate in water 10%	1		
Fluorescin sodium	1	Lye solution	1	Salad dressing	1		
Gasolene	0	Mercurochrome	2	Shoe polish	2		
Grape juice	1	Merthiolate	1	Silver nitrate	2		

Chemical resistance of TEDLAR® PVF-Film

TEDLAR® has been tested against the chemicals listed below.

No basic changes were determined with regard to impact toughness, tensile strength or elongation to break.

Acids	
Acetic acid (glacial)	1-year immersion at room temperature
Acetic acid (glacial)	31 days, 75°C
Acetic acid (4%)	168 hours at boil
Hydrochloric acid (10%)	1-year immersion at room temperature
Hydrochloric acid (10%)	2 hours at Boil
Hydrochloric acid (10%)	Steam at 105°C, 1 week
Hydrochloric acid (30%)	31 days, 75°C
Nitric acid (20%)	1-year immersion at room temperature
Nitric acid (10% / 40%)	31 days, 75°C
Perchloric acid (60%)	25 days at room temperature
Phosphoric acid (20%)	1-year immersion at room temperature
Sulphuric acid (20%)	1-year immersion at room temperature
Sulphuric acid (30%)	31 days, 75°C
Bases	
Ammonium hydroxide (12% / 39%)	1-year immersion at room temperature
Ammonium hydroxide (10%)	31 days, 75°C
Sodium hydroxide (10%)	1-year immersion at room temperature
Sodium hydroxide (10% / 54%)	31 days, 75°C
Sodium hydroxide 10%	2 hours at boil

Solvents	
Acetone	1-year immersion at room temperature
Acetone	2 hours at boil
Benzene	1-year immersion at room temperature
Benzene	2 hours at boil
Benzyl alcohol	31 days, 75°C
Dioxane (1,4)	31 days, 75°C
Ethyl acetate	31 days, 75°C
Ethyl alcohol	31 days, 75°C
n-Heptane	1-year immersion at room temperature
Kerosene	1-year immersion at room temperature
Methyl ethyl ketone	31 days, 75°C
Toluene	31 days, 75°C
Trichlorethylene	31 days, 75°C
Miscellaneous	
Phenol	1-year immersion at room temperature
Phenol (5%)	31 days, 75°C
Sodium chloride (10%)	1-year immersion at room temperature
Sodium sulphide (9%)	31 days, 75°C
Tricresyl phosphate	31 days, 75°C