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.

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® 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®:
- Transparent TEDLAR® protective film
- Extra strong and elastic Gurimur®-Vinylfoil
- Backing material: pure cotton fabric

Cost-effective and safe
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, gymnasiuims, etc.)
- a cost-effective alternative is required for ceramic tiles (bathrooms, toilets, kitchens ...)

Technical specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top material</td>
<td>Extra strong and elastic vinyl film with TEDLAR® PVF protective film</td>
</tr>
<tr>
<td>Backing material</td>
<td>Pure cotton fabric, good moisture resistance</td>
</tr>
<tr>
<td>Lightfastness</td>
<td>High, wool scale 7 (DIN 53388).</td>
</tr>
<tr>
<td>Cleaning</td>
<td>Fully washable, resists practically all chemical agents, even solvents</td>
</tr>
<tr>
<td>Disinfection</td>
<td>Easy to disinfect</td>
</tr>
<tr>
<td>Inflammability</td>
<td>Flame-retardant</td>
</tr>
<tr>
<td>Permeability</td>
<td>Vapour permeability (DIN 53122): approx. 2-5 g/m²/24h</td>
</tr>
<tr>
<td>Tear strength TEDLAR®</td>
<td>machine direction: approx. 30 kp / 5 cm</td>
</tr>
<tr>
<td></td>
<td>transverse direction: approx. 25 kp / 5 cm</td>
</tr>
<tr>
<td>Tear strength TEDLAR® PLUS:</td>
<td>machine direction: approx. 40 kp / 5 cm</td>
</tr>
<tr>
<td></td>
<td>transverse direction: approx. 35 kp / 5 cm</td>
</tr>
<tr>
<td>Weight TEDLAR®</td>
<td>approx. 350 g/m²</td>
</tr>
<tr>
<td>Weight TEDLAR® PLUS</td>
<td>approx. 600 g/m²</td>
</tr>
<tr>
<td>Extensibility</td>
<td>High, hides wall fissures</td>
</tr>
<tr>
<td>Redecoration</td>
<td>Dry stripping</td>
</tr>
<tr>
<td>Applications</td>
<td>See our hanging instructions, easy to install, no skin irritation</td>
</tr>
<tr>
<td>Dimensions TEDLAR®</td>
<td>width 130 cm / length 50 m or cut length</td>
</tr>
<tr>
<td></td>
<td>TEDLAR® PLUS: width 130 cm / length 30 m or cut length</td>
</tr>
<tr>
<td></td>
<td>All variants are available in cut lengths.</td>
</tr>
</tbody>
</table>

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)

### 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 (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

#### 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

#### 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

#### 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