



Glass partition Cleanlife 619

## Description

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Cleanlife 619 consisting of a glazing with perimeter frame without any additional gridwork or vertical load-bearing elements enables pharmaceutical companies to create a transparent and open area design. Aluminium profiles with powder coated, lacquered or anodized finishes provide horizontal and vertical connection to the building structure. Media supply are possible through the stainless steel base.

The partition system excels in high air tightness and is easy to clean and disinfect. GMP- and DIN EN ISO 14644 suitable design. The surface is even, flush, suitable for flush installation and does not contain any outgassing or particle emitting materials. The partition joints are optionally sealed with a clean room suitable sealant.

## Areas of application

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- Pharmaceutical production and medical technology
- Surface technology
- Laboratories and research centres



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## System description

<b>Substructure</b>	Aluminium profiles
<b>Glazing</b>	Single toughened safety glass $\geq 12\text{mm}$
<b>Construction options</b>	Glazing from floor to ceiling with stainless steel floor base profile
<b>Joints and connections</b>	<ul style="list-style-type: none"> <li>• <b>Joint seals:</b> the vertical joints between elements are sealed with transparent tape and silicon</li> <li>• <b>Connections:</b> connections with aluminium profile or silicon</li> </ul>



## Technical data

<b>Glass pane thickness</b>	$\geq 12\text{ mm}$
<b>Module width (standard)</b>	up to 1500 mm <sup>1)</sup>
<b>Glazing height (standard)</b>	up to 3.500 mm <sup>1)</sup>
<b>Weight</b>	ca. 25 – 50 kg / m <sup>2</sup> (fully glazed wall)
<b>Sound insulation</b>	up to 40 dB R <sub>w</sub> acc to DIN EN ISO 717-1 / ISO 10140-2
<b>Longitudinal sound insulation</b>	up to 61 dB D <sub>n,f,w</sub> acc to DIN EN ISO 717-1 / DIN EN ISO 10848
<b>Joint width</b>	2 mm
<b>Surface finish glass</b>	<ul style="list-style-type: none"> <li>• Foils</li> <li>• Screen printing</li> <li>• Enamel</li> </ul>
<b>Green building</b> Product characteristic	DGNB- / LEED- compliant

<sup>1)</sup> The maximum wall height and the maximum module width can differ depending on the building physics

### Customised, project-specific solutions possible



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**Applicable standards**

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- **DIN 18202**
- **DIN 1249**
- **DIN EN ISO 12543**



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