

**Instructions**



This selection guide is for the purpose of helping you find the right type of grating.

In each step, please select required conditions in order to determine the most suitable grating type for your application.

**Step 1 - Hygienic requirements**

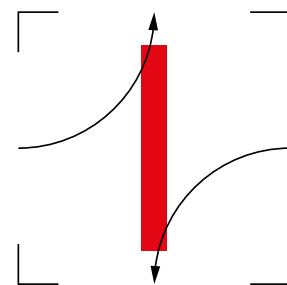
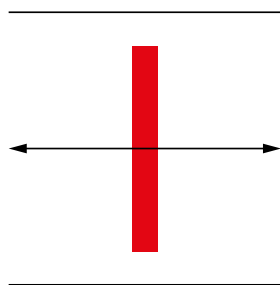
- High risk zone  Low risk zone

**Step 2 - Highest traffic load demand**

- Pedestrian  Heavy machinery with pneumatic tires (forklift)
- Light machinery with solid wheels (trolleys)  Large vehicles with pneumatic tires (cars, trucks)
- Heavier machinery with solid wheels (pallet jacks, light forklifts)

**Step 3 - Grating location in regards to traffic movement**

- Gratings will be located in corridor (Traffic passes over gratings – Regular dynamic stress)  Gratings will be located in open area (Traffic manoeuvres over the grating – Torque stress)



**Step 4 - Flow rate**

- Grating - maximum flow rate  Cover - protection from solid parts

**Step 5 - High slip potential**

- Yes  No

**Step 6 - Chemicals in production**

- Any of these chemicals are present in production  None of these chemicals are present in production
- Aluminium sulfate
  - Ammonium chloride
  - Calcium hypochlorite
  - Chlorosulfonic acid
  - Sal ammoniac
  - Sodium bisulfate
  - Stannous chloride
  - Sulfur dioxide
  - Sulfurous acid

**Overview of ACO gratings**

Grating type performance according to selected criteria

	<p><b>ACO frameless ladder grating</b></p> <ul style="list-style-type: none"> <li>▪ Slip resistant (R 11)</li> <li>▪ Available in load class M 125 (EN 1253)</li> <li>▪ Available in 1.4301 and 1.4404 grades of stainless steel (EN 1253)</li> <li>▪ Hygienic design for better cleanability</li> </ul>	
	<p><b>ACO ladder grating</b></p> <ul style="list-style-type: none"> <li>▪ Slip resistant (R 11)</li> <li>▪ Available in load class R 50, M 125, N 250 or P 400 (EN 1253)</li> <li>▪ Available in 1.4301 and 1.4404 grades of stainless steel (EN 1253)</li> <li>▪ Hygienic design for better cleanability</li> </ul>	
	<p><b>ACO slot cover</b></p> <ul style="list-style-type: none"> <li>▪ Slip resistant (R 11)</li> <li>▪ Available in load class R 50, M 125, N 250 (EN 1253)</li> <li>▪ Available in 1.4301 and 1.4404 grades of stainless steel (EN 1253)</li> <li>▪ Hygienic design for better cleanability</li> </ul>	
	<p><b>ACO cast grating</b></p> <ul style="list-style-type: none"> <li>▪ Slip resistant (R 13)</li> <li>▪ Available in load class M 125 (EN 1253)</li> <li>▪ Available in 1.4301 grade of stainless steel (EN 1253)</li> <li>▪ Hygienic design for better cleanability</li> </ul>	
	<p><b>ACO mesh grating</b></p> <ul style="list-style-type: none"> <li>▪ Slip resistant (R 11)</li> <li>▪ Available in load class L 50 (EN 1253)</li> <li>▪ Available in 1.4301 and 1.4404 grades of stainless steel (EN 1253)</li> </ul>	

**Additional information**

For more information on ACO gratings please visit [ACO Building Drainage website](#) or [ACO building drainage online product catalogue](#)