

Stainless Steel Floor for Garbage Truck Hoppers

- Name of member: Aperam
 Manufacturer: Usimeca
 Field: industrial machinery and equipment; transport
 Location: Rio de Janeiro, Brazil
 Environment: urban, industrial, indoor
 Grade and surface: 410 / #1
 Competing material: carbon steel
 Advantage point of using stainless steel:
- Improvement hopper's service life threefold
 - High resistance to corrosion limiting the risk for unsanitary and potentially hazardous leakage

In the busy urban areas of Brazil, garbage trucks pick up a lot of trash – keeping the streets clean and the cities sanitary. However, due to the corrosive nature of the waste being collected, over time it begins to eat away at the hopper's carbon steel floor. As this corrosion increases, so does the risk for unsanitary and potentially hazardous leakage. Aperam's solution: stainless steel. A floor made of stainless steel type 410 increases a hopper's service life threefold, making sure the garbage stays inside where it belongs. As an added bonus, Aperam's stainless steel solution is environmentally friendly.

