POLYSTO
strong in hygienic construction



CLEANROCK® KERBS

FOR HYGIENIC ENVIRONMENTS IN THE FOOD INDUSTRY

Kerb design is a critical factor in food safety

THE IMPORTANCE OF HYGIENE

Kerbs face constant exposure to water, impact and aggressive cleaning. When they crack, absorb moisture or degrade, they become hidden contamination points – hygiene risks that often remain unnoticed until serious problems arise.

Pathogens such as *Listeria* and *Salmonella* thrive in areas behind damaged kerbs, in open joints and in micro-cracks. High-pressure cleaning does not solve the problem. It often spreads contamination across the production area.

Because kerb failures are rarely visible, issues are detected too late. The result: failed audits, production stops or product recalls.

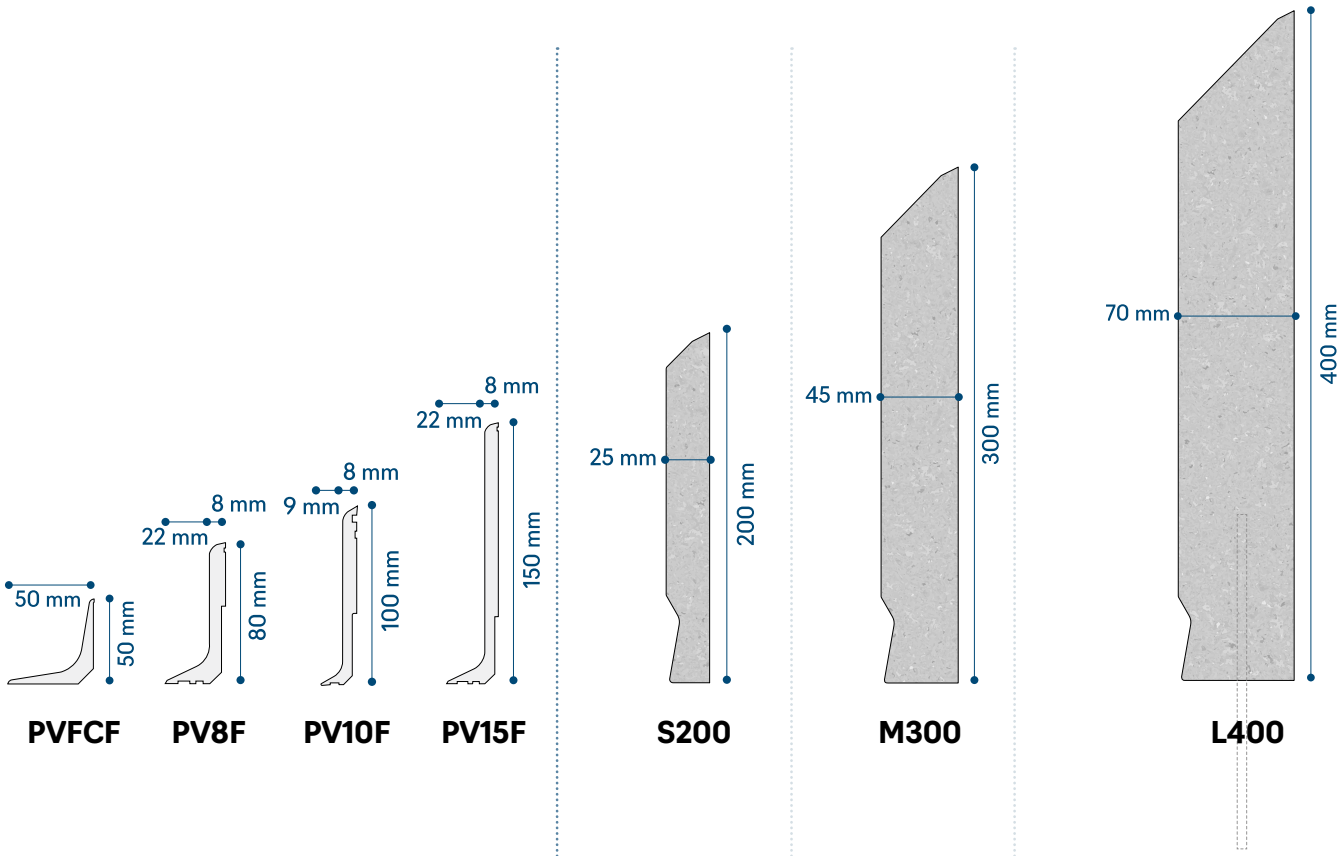
Choose kerbs designed for hygiene from day one. Discover the PolySto approach to long-lasting, food-safe transitions.



5 IMPACT LEVELS

Choosing the right impact level for your project

Selecting the appropriate impact class for PolySto kerbs is essential to ensure long-term protection and performance in your facility. Each area within a project may face different **levels of mechanical stress**, depending on the type of internal transport — from light trolleys to heavy forklifts. That's why a single project can include kerbs from multiple impact classes, tailored to the specific needs of each zone.



Full core PVC skirtings

IMPACT
LEVEL 1

No mechanical impact. Intended for cleaning activities only, providing hygienic coving at wall–floor junctions.

CleanRock® kerbs

IMPACT
LEVEL 2

Light manual traffic, such as trolleys, with loads up to 200 kg.

IMPACT
LEVEL 3

Manual pallet trucks with total loads up to 900 kg.

IMPACT
LEVEL 4

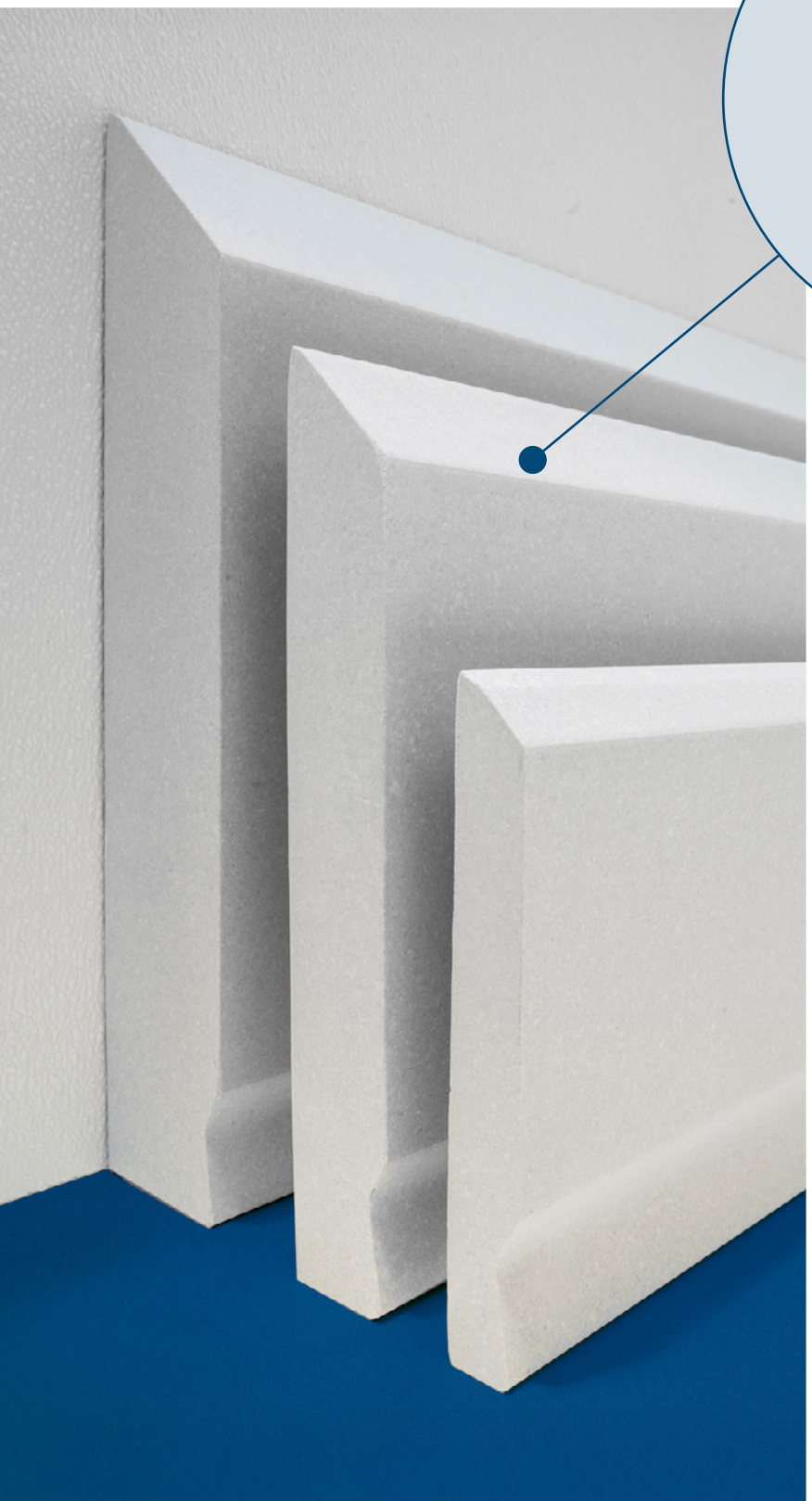
Electric pallet trucks with total loads up to 1.500 kg.

IMPACT
LEVEL 5*

Engine-driven pallet trucks (max. speed 5 km/h), with total loads up to 4.000 kg.

** Achieved when kerbs are installed using chemical anchorage.*

HYGIENIC PREFAB CLEANROCK® KERBS



High impact resistance

Next generation CleanRock® kerbs

CleanRock® is PolySto's engineered core material for hygienic kerbs, developed to **deliver long-term wall protection** in demanding food-processing environments.

The result: these kerbs deliver **exceptional impact resistance**, a fully non-porous surface and a waterproof construction.

A new formula incorporating recycled materials

The kerbs are manufactured from a next-generation composite combining high-performance **polyester** resins, **quartz granules** and carefully selected **additives**.



5 reasons our new kerbs set the standard

Damage resistant

Designed for intensive, long-term use, our kerbs deliver exceptional strength. Up to 10 times stronger than concrete, they provide unbeatable durability in even the most demanding environments.

Easy to clean

Food-safe surface designed for effortless maintenance. Its construction limits dirt build-up and allows contaminants to be quickly washed away, ensuring optimal hygiene.

Quick to install

Lightweight, prefabricated and modular system engineered for simple, precise and fast installation. Facilitates on-site assembly and reduces intervention time.

No water absorption

Non-porous, fully waterproof material. Does not absorb water, moisture or cleaning agents, ensuring maximum durability and enhanced hygiene.

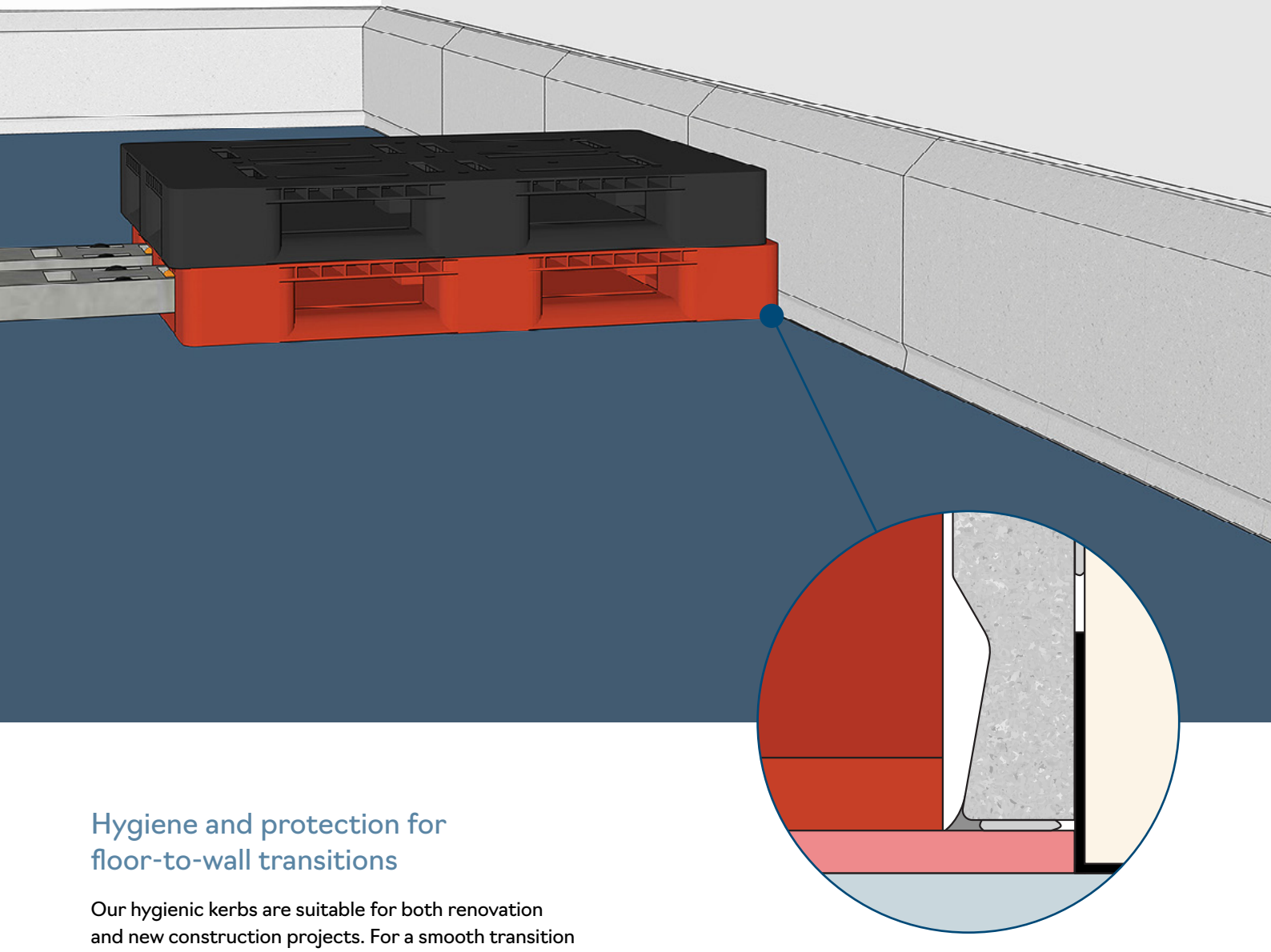
Best value for money

Durable, chemical-resistant material built to last. Requires less maintenance, fewer replacements and optimizes transport and storage costs — a high-performance long-term investment.

POLYSTO
strong in hygienic construction

INTEGRATED COVEPROTECT

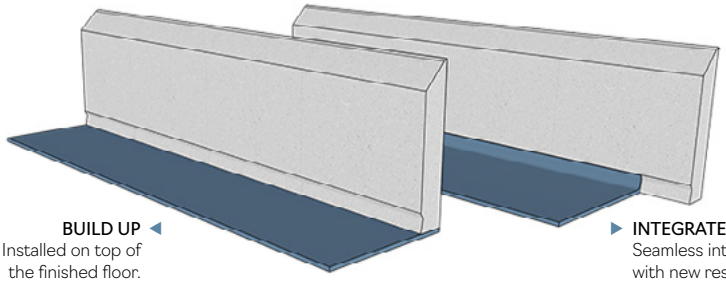
Foot design with rebate for maximum protection



Hygiene and protection for floor-to-wall transitions

Our hygienic kerbs are suitable for both renovation and new construction projects. For a smooth transition between wall and floor, they can be installed on an existing finished floor or seamlessly integrated into a resin floor.

When installed on the floor, the rebate remains intact, preserving the CleanWave foot geometry and protection against impact damage. When integrated into the floor, these aspects require extra attention during design and installation.



BUILD UP
Installed on top of the finished floor.

INTEGRATED
Seamless integration with new resin floors.

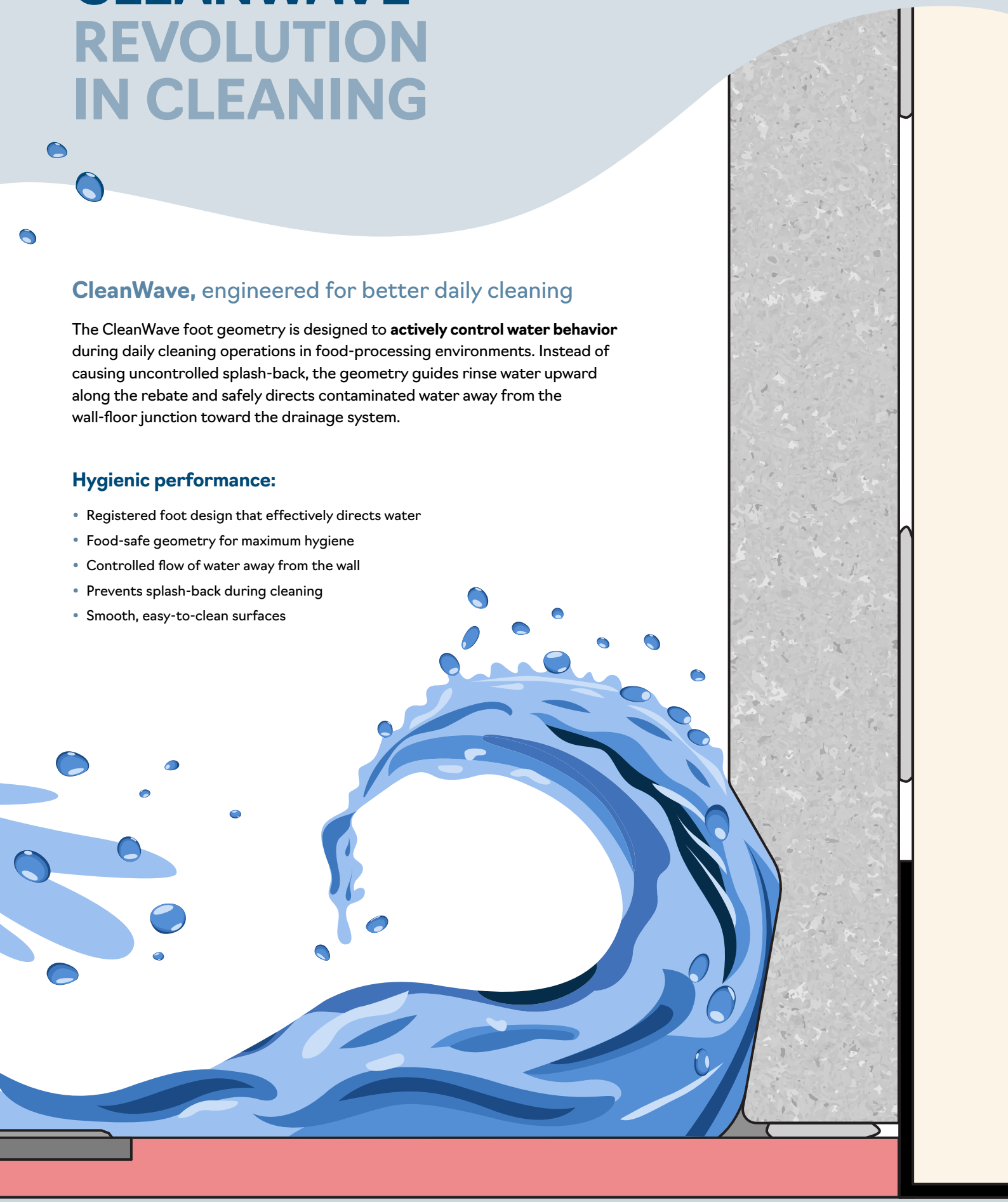
CLEANWAVE
REVOLUTION IN CLEANING

CleanWave, engineered for better daily cleaning

The CleanWave foot geometry is designed to **actively control water behavior** during daily cleaning operations in food-processing environments. Instead of causing uncontrolled splash-back, the geometry guides rinse water upward along the rebate and safely directs contaminated water away from the wall-floor junction toward the drainage system.

Hygienic performance:

- Registered foot design that effectively directs water
- Food-safe geometry for maximum hygiene
- Controlled flow of water away from the wall
- Prevents splash-back during cleaning
- Smooth, easy-to-clean surfaces



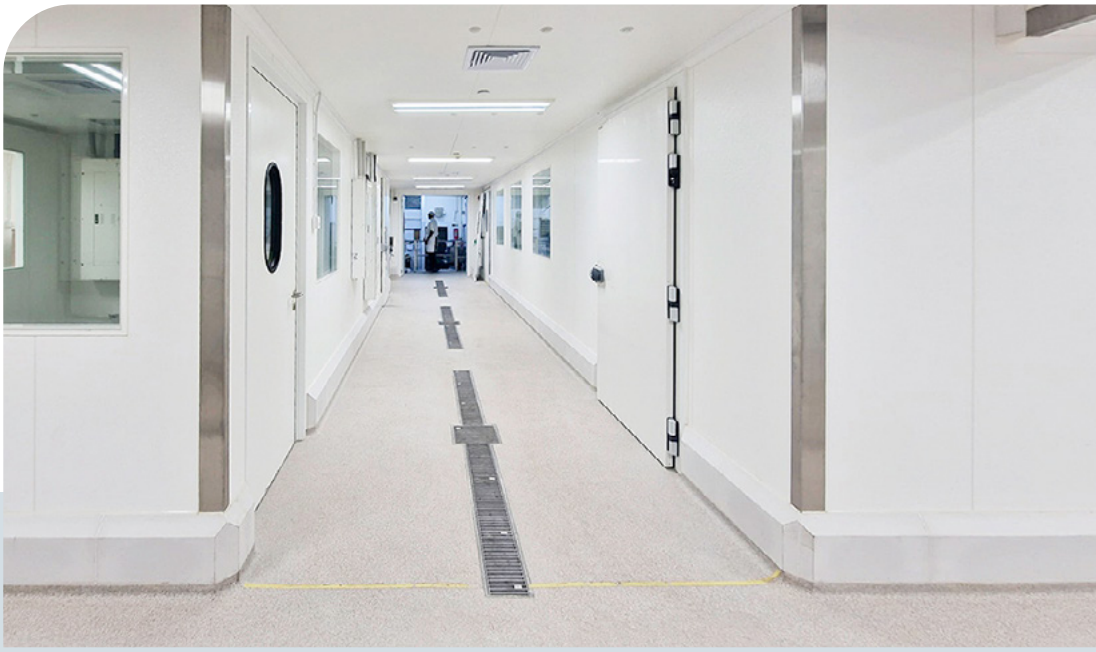




PART OF A COMPLETE HYGIENIC SOLUTION

CleanRock® kerbs provide high-performance protection at the most critical junction: where walls meet floors.

Combined with PolySto **CleanSheet** walls and ceilings and other complementary products, finished with **HygiSeal** for durable joints, they form a durable, easy-to-maintain hygienic environment. This complete solution is designed to meet the strictest hygiene standards in even the most demanding environments. Every component is designed to work together – ensuring hygiene, durability and long-term performance from floor to ceiling.



POLYSTO
strong in hygienic construction

POLYSTO GROUP BV

Maesbossen 3 • 9160 Lokeren • Belgium
T +32 9 337 76 60 • BE 0895.050.870
www.polysto.com

CONTACT

info@polysto.com
quotations@polysto.com
orders@polysto.com

EHEDG EUROPEAN HYGIENIC ENGINEERING & DESIGN GROUP