

CleanRock[®]

What is CleanRock?

CleanRock is the patented core material used in PolySto kerbs. The composition has been developed based on more than 25 years of experience in the food processing industry. Prefabricated CleanRock kerbs are composed of a mixture of polyester resins, quartz granulates and additives. The unique composition allows to prevent contaminations with Salmonella and Listeria.

Advantages of CleanRock:

- High impact resistance
- Easy to clean, smooth and non-porous surface
- Chemical resistant, against aggressive cleaning agents and chemicals like salt, acids, blood, starch and lactic acid
- Water-resistant
- No hollow spaces
- Monolithic composition
- Repairable on-site
- Fast installation on-site
- High bonding strength with sandwich panels by the use of a flexible, water resistant MS polymer glue

CleanRock & SaniCoat surface

For clean rooms the surface of CleanRock kerbs can be finished with an extra smooth bacteriostatic and shock-resistant gel coat surface.

Double water barrier

A double water barrier is created using PolySto hardfix glue (Hybrid polymer). This assures that even if joints become damaged there is no water infiltration possible behind the kerbs.

Renovation - new constructions

CleanRock kerbs can be delivered with food-safe coving for renovations or with a rebate in the front to create a seamless connection with the floor coving. The prefabricated kerbs allow fast renovations.

HygiSeal chemical welding

HygiSeal is the unique PolySto process for chemical welding of joints by means of 2 components PUR connection. The HygiSeal joints ensure a seamless, fungus resistant connection, resistant to high-pressure cleaning.

EHEDG Guidelines

PolySto CleanRock kerbs are the preferred wall protection solution along EHEDG construction guidelines for hygienic and durable food safe environments.

More detailed information can be found in doc. 44 page 90. of the EHEDG publication "Hygienic design principles for food factories".

