



**POLYSTO**  
strong in hygienic construction



# Tested to the max

We provide the strongest solution for your clean and hygienic facility project!

[www.polysto.com](http://www.polysto.com)



Embossed ←

Smooth glossy  
or matte ←

## FRP walls & ceilings

Fibreglass Reinforced Polyester (FRP) is a composite material consisting of polymer that is supported with glass fibers for added strength. FRP is used to build and protect structures that require additional resistance to prevent deformation and corrosion. Our walls and ceilings from FRP offer **unique features** for both renovation and new construction projects.



Food safe



Chemical  
resistant



Bacteriostatic



Water  
resistant



Strong



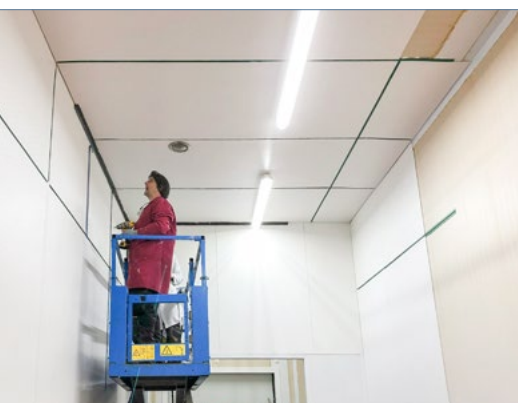
Quick and  
easy to install



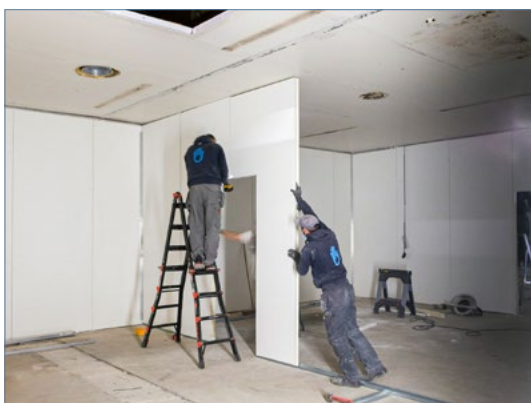
Non-corrosive



High pressure  
cleaning



Embossed FRP sheets for wall and ceiling renovation.



Smooth HygiWall box-in-box construction.



Foam cleaning of embossed FRP walls.



FRP sheet

Polyester sheet for the hygienic and durable protection of walls and ceilings.



RenoPanel

Light-weight polypropylene based FRP panel with connection omega-profile for ceilings.



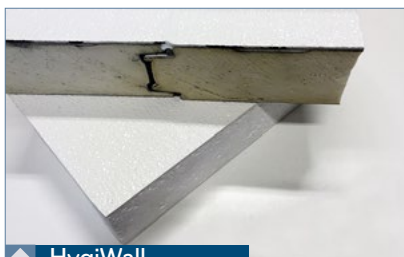
RenoCem

Very strong fibre cement based FRP panel to fastly renovate walls in poor condition or to be installed in new construction using metal studs.



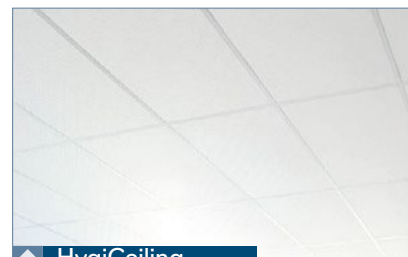
InsuPanel

PIR insulation 1 sided laminated panel for walls and ceilings.



HygiWall

1 or 2 sided laminated FRP sandwich panel (PIR for separation of walls, ceilings and box-in-box constructions.



HygiCeiling

Hygienic and washable FRP ceiling tiles for suspended ceilings.

Our standard solutions are available from stock or can be tailored to your project on request.

## Hygienic kerbs and skirtings

Hygienic and clean areas in the food, pharma, life science and health sector need specific interior designs to reduce risk of contamination like Listeria and salmonella. PolySto, made in Belgium, **Europe's market leader** in hygienic impact protection meets that requirement. Our prefab CleanRock kerbs and coved skirtings offer maximum protection thanks to their **hygienic design** and **high impact strength** against mechanical impact.

Other **unique features** are:



Food safe



Chemical resistant



Water resistant



Strong



Quick and easy to install



Optimal cost of ownership



Reparable



Prefab system

3 types of **surfaces**:

**Natural**



Durable CleanRock kerb with smooth surface

**Sanicoat**



High-care CleanRock kerb with extra smooth gelcoat

**Stainless steel**



1,2 mm 1.4306 horizontal brushed stainless steel with concrete core



**Impact classes:**



No impact



Kerb thickness 33 mm  
Manual trolleys  
up to 200 kg



Kerb thickness 60 mm  
Pallet trucks  
up to 900 kg

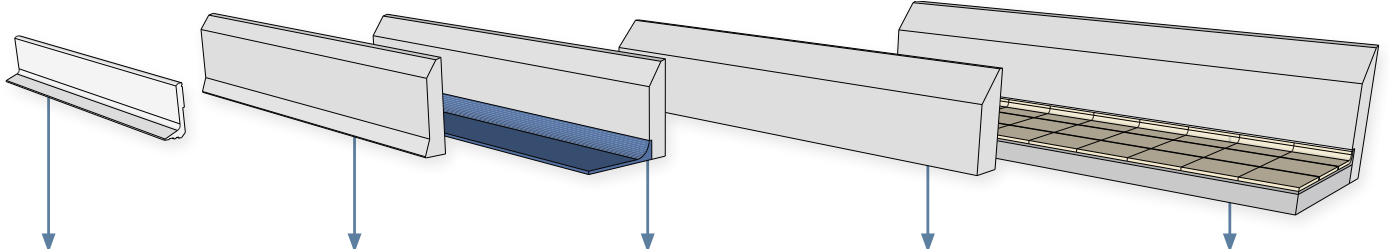


Kerb thickness 100 mm  
Electric pallet trucks  
up to 1.500 kg



Kerb thickness 100 mm. Engine driven pallet trucks up to 4.000 kg. Max speed 5 km/h. Kerbs need to be anchored.

5 **versions**:



**Full core PVC skirtings**

- Polished concrete floors
- Liquid floors
- Cast resin floors
- Troweled floors
- Tile floors

**F-type (Foot)**

- Polished concrete floors
- Liquid floors
- Cast resin floors
- Troweled floors
- Tile floors

**RB-type (Rebate)**

- Cast resin floors
- Troweled floors
- Vinyl and liquid floors

**R-type (Straight)**

- Freezers and low-care logistic areas
- Polished concrete floors
- Liquid floors
- Cast resin & troweled floors

**RBT-type (Rebate tile)**

- Designed for tile floors
- Suitable for troweled floors

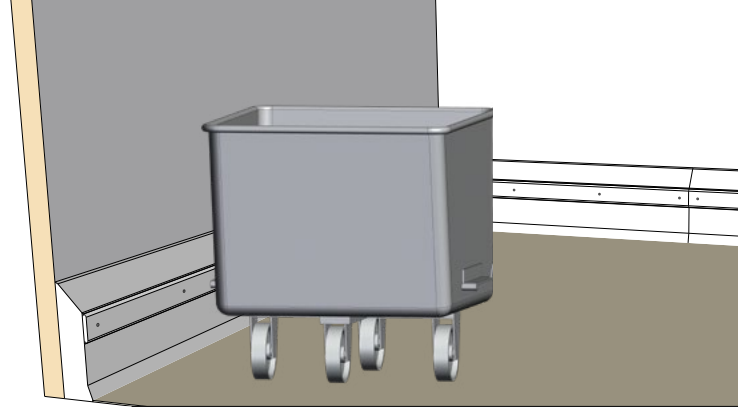
Experts in hygienic design and construction materials for over 30 years in more than 99 countries.

# CleanRock

**CleanRock** is the **patented core material** used in PolySto kerbs. The composition has been developed based on more than 30 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. **CleanRock** is ideal for food safe environments that have to comply with HACCP, EU, USDA, GFSI (Global Food Safety Standard Initiative), BRC and other food safety standards.

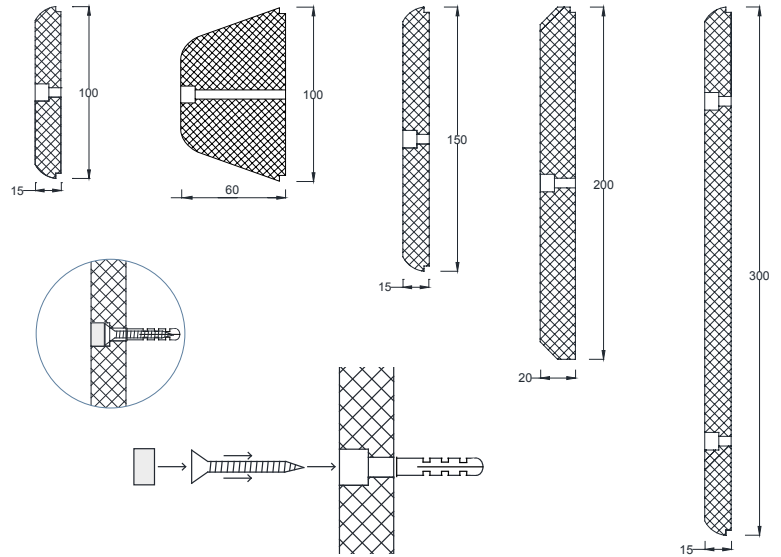
## Extreme impact

A polyethylene strip installed on the front side of the kerb is the perfect **heavy impact protection** for areas with high internal traffic and constant impacts. In particular Euronorm bins with sharp edges.



## Polyethylene wall ledges

**High density PE500** wall ledges, ideal to protect your walls at different heights. Available in other sizes and colours.



## Stainless steel bollards & barriers

**Impact classes:**



**2**  
Ø 60mm - manual  
trolleys up to 200 kg



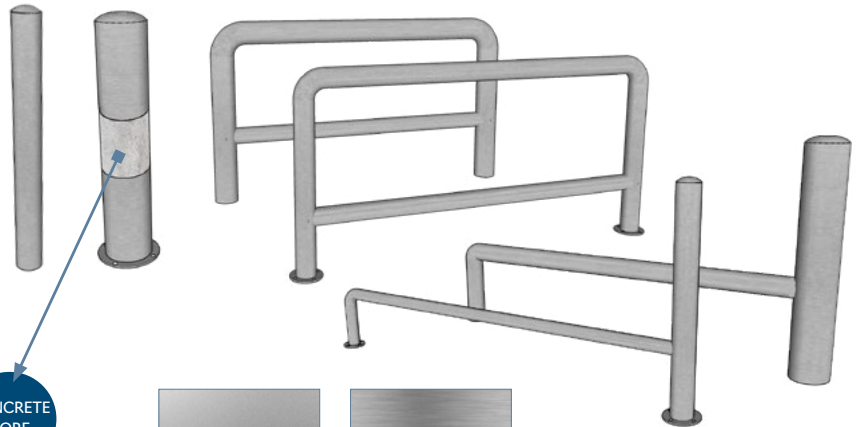
**3**  
Ø 89 and 104 mm  
- Pallet trucks up to 900 kg



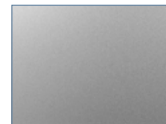
**4**  
Ø 154mm - electric  
pallet trucks up to  
1.500 kg



**5**  
Ø 204mm - Engine  
driven pallet trucks up  
to 4.000 kg. Max speed  
5 km/h



CONCRETE  
CORE



Standard glass  
bead blasted  
surface for the  
best hygienic finish



Optional  
Brushed K320



## Glue and sealants

### PolySto HygiSeal 3.1:

- 1-component MS-Polymer
- Isocyanate free
- Natural mould resistant
- Strongly reduces risk of bacterial contamination
- resistant to high-pressure cleaning
- Chemical resistant



### PolySto Hard Fix Glue:

- Isocyanate free
- High-tack
- MS-hybrid glue



### PolySto Food safe silicone:

- Neutral silicone
- Extra spectrum fungicide



**HygiSeal 3.1** is the new product for chemical welding of joints with a 1-component hybrid sealant.

The HygiSeal joints between the PolySto components and the connection with floor and wall ensure a durable, seamless and fungus repellent connection that is resistant to intensive high pressure cleaning.

Due to the hard and smooth surface of HygiSeal joints there is less bacterial adhesion compared to classical food safe silicones.

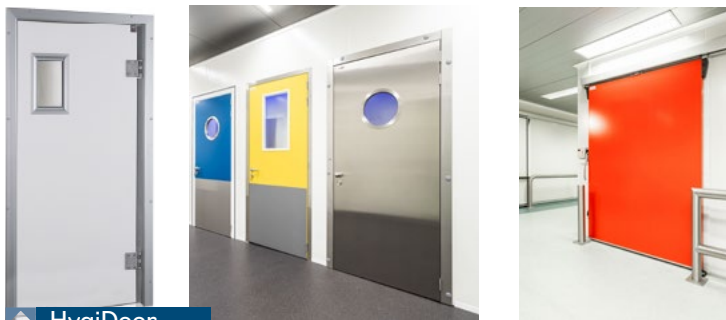


## Extended product range



HygiCrystal

Custom made hygienic clip and flush windows.



HygiDoor

Custom made hygienic FRP doors (hygienic doors, Cold room and swing doors) or standard galvanised doors and frames.



HygiLight

Hygienic LED light fixtures (from IP20 to IP66) for general use and clean rooms.



PolySto Group BV is always looking for dedicated partners and installation companies throughout the world.

To achieve the label 'master installer' we offer specific training sessions in our academy.

Contact us for more information.

Distributed by

## Where are we active?

- › Bakery
- › Beverage
- › Catering
- › Chemicals
- › Confectionary
- › Cosmetics
- › Dairy

- › Electronics
- › Fish processing
- › Food logistics
- › Food retail and supermarkets
- › Freezers
- › Hatcheries
- › Hospitals

- › Kitchen and catering
- › Meat processing
- › Pharma
- › Poultry processing
- › Ready meals
- › Slaughterhouses
- › Vegetables and fruit

and many more

**POLYSTO GROUP BV**  
Maesbossen 3  
9160 Lokeren  
Belgium

Tel: +32 (0) 9 33 77 66 0  
[info@polysto.com](mailto:info@polysto.com)  
[www.polysto.com](http://www.polysto.com)

BTW	BE 0895.050.870
RPR	Sint-niklaas
Bank	BNP Paribas Fortis
IBAN	BE42 0015 4402 2354
BIC	GEBABEB

conditions of sales - verkoopsvoorwaarden - conditions de vente- verkaufsbedingungen

[www.polysto.com](http://www.polysto.com)