



POLYSTO
strong in hygienic construction

 **HONERKAMP**
facilityprotection GmbH

SICHERHEITS- UND BETRIEBSEINRICHTUNGEN

Hygienische Wand- und Schutzsysteme für die Lebensmittelindustrie



CATALOG
2023

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Prefab skirtings and kerbs

Polyethylene wall ledges

Stainless steel protection

Stainless steel drainage

Lights, windows, doors

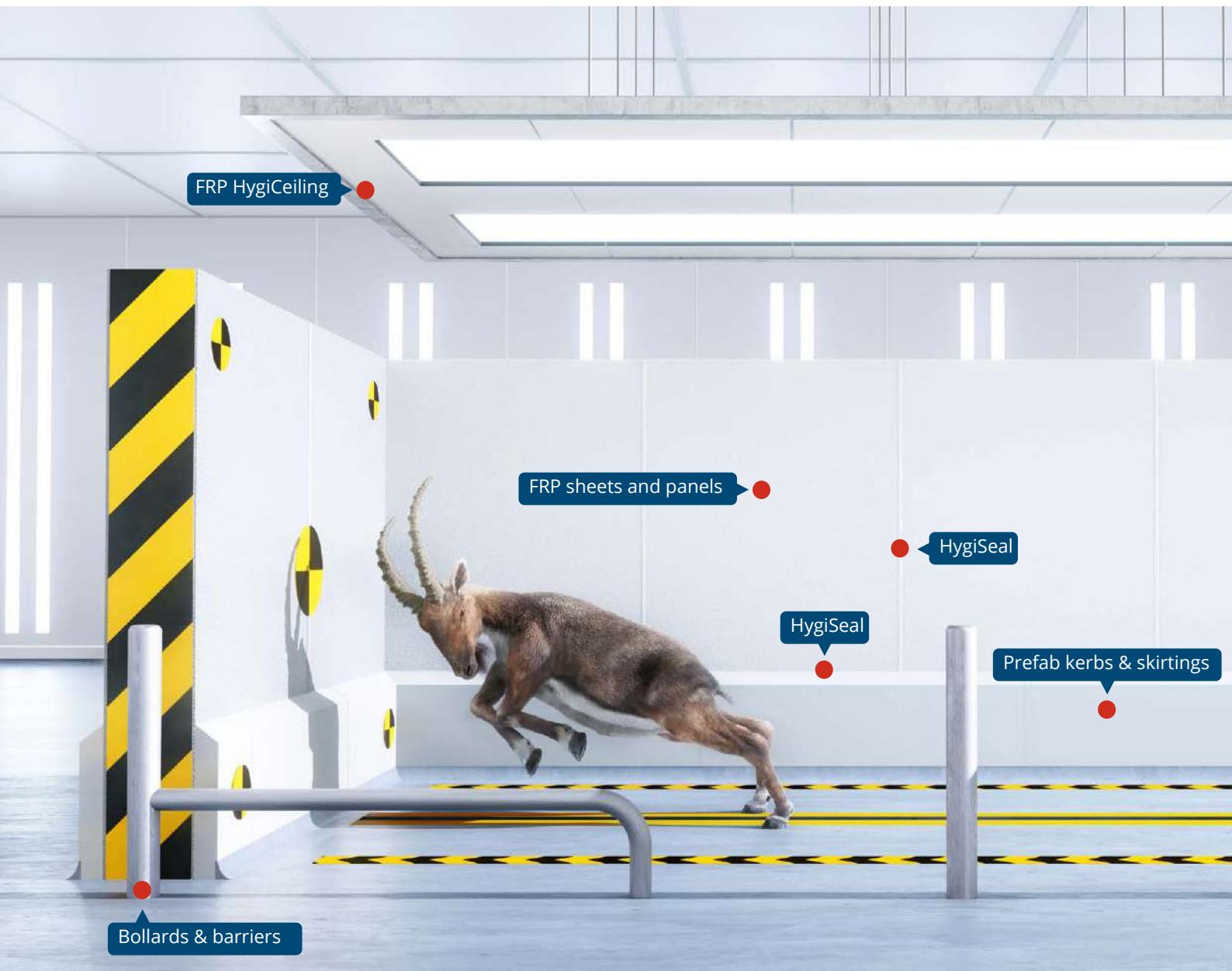
Wall boots

Installation materials

Why choose Polysto?

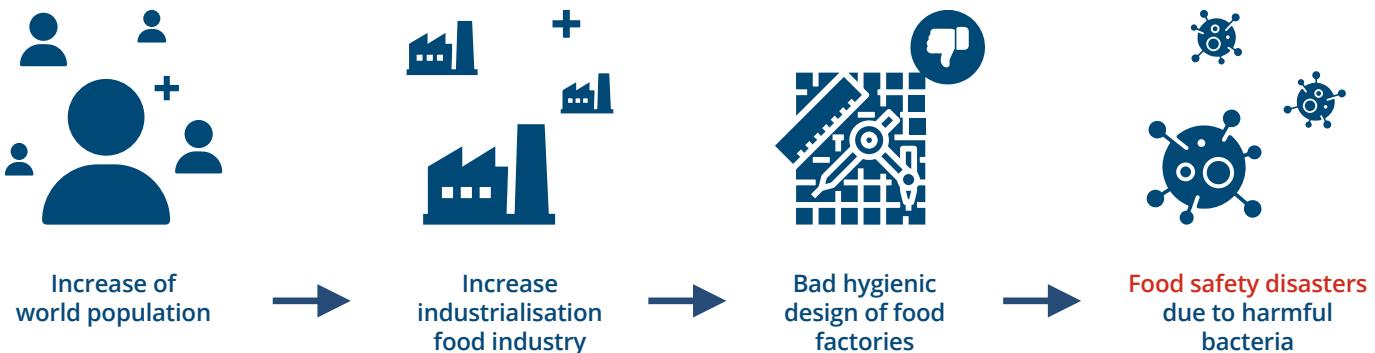
Polysto provides maximum protection for hygienic areas, from floor to ceiling.

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, **European market leader** in hygienic impact protection, walls and ceilings, meets that requirement. Our prefab CleanRock kerbs, coved skirtings, strips, stainless steel posts and bollards offer maximum protection thanks to their **hygienic design** and **high impact strength** against mechanical impact. Our wall and ceiling systems from glass fiber reinforced polyester offer **unique features** like; very easy to clean, impact and scratch resistant, anti-fungal, water repellent, chemical resistant, easy to install, food-safe and HACCP compliant.

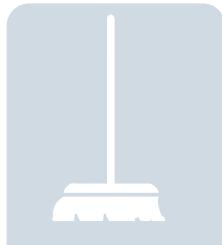




THE IMPORTANCE OF HYGIENE



Main sources of harmful bacteria



47%
Cleaning equipment



23%
Drains

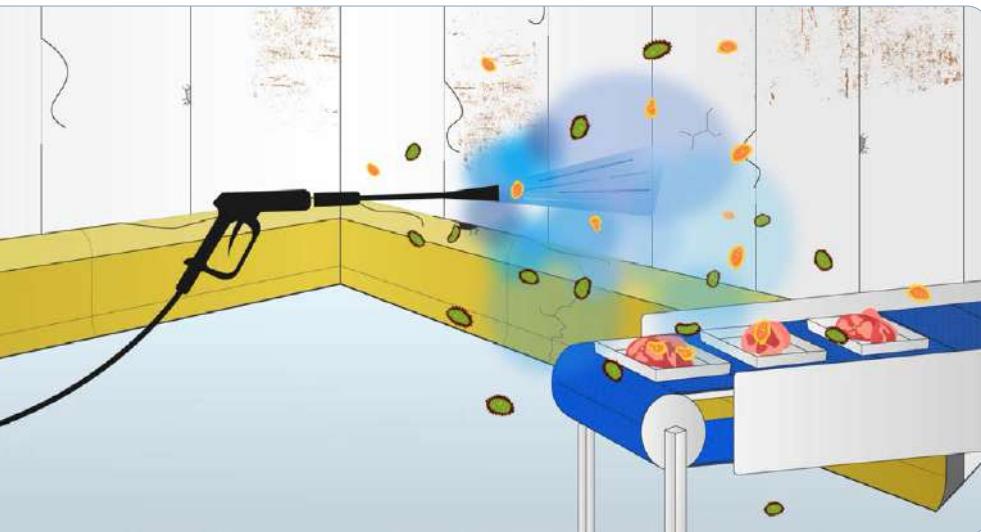


17%
Kerbs, walls & floors



2%
Food production surfaces

Risk of contamination by cleaning

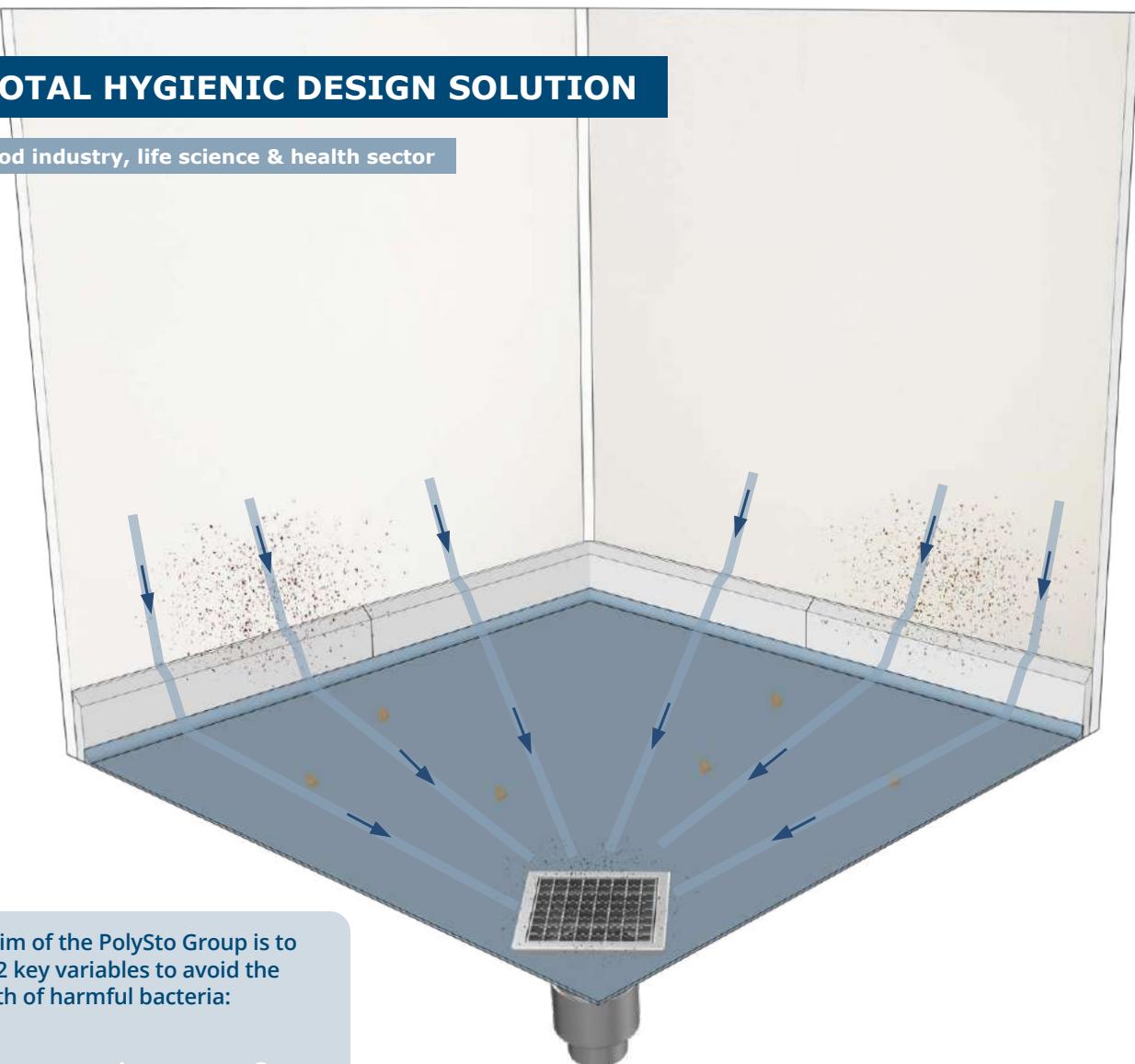


Harmful bacteria such as *Listeria* and *Salmonella* are hidden in voids, cracks, open joints, behind kerbs and corroded surfaces.

Daily high pressure cleaning will flush the bacteria from cracks and crevices and disperse throughout the production area which can lead to **serious bacterial contaminations on food production surfaces**.

A TOTAL HYGIENIC DESIGN SOLUTION

for food industry, life science & health sector



The aim of the PolySto Group is to limit 2 key variables to avoid the growth of harmful bacteria:



Humidity



Biomass



Temperature

PolySto provides maximum protection for hygienic areas, from floor to ceiling!

The PolySto Group developed an extensive range of hygienic construction products consisting of:

- Prefabricated hygienic FRP walls and ceilings
- Prefabricated hygienic kerbs
- HygiSeal®
- Prefabricated Food Safe PVC coved skirtings
- Modular polyethylene wall ledges
- Stainless steel posts and barriers
- Stainless steel drainage
- Hygienic windows and (FRP) doors
- Hygienic (LED) lightings
- Hygienic wall boots

non-corrosive and chemical resistant
made of CleanRock® or stainless steel
new unique chemical welding process
full core and chemical resistant
PE500 quality
with concrete core and food safe finishing
linear and point drainage
custom sizes possible
with IP68 rating
for new construction or renovation projects

WE HAVE MORE TO OFFER!

Consultancy

Each project is unique. Our team of experts, active in over 100 countries worldwide can advise on how to build your project to comply with the highest level of hygienic standards.

PolySto is expert member of EHEDG, Co-author of EHEDG hygienic building guidelines.



Project calculation

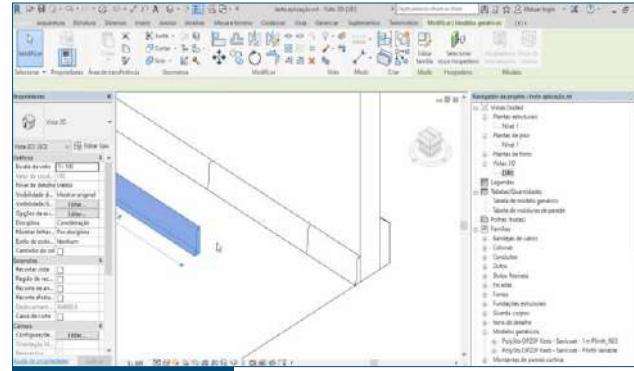


Project calculation from A-Z

An experienced and motivated Internal Sales team provides your tailor-made quotations.

A personal approach is key. Together with your sales representative, the internal sales team is responsible to calculate your project with the necessary technical support.

In order to prepare a swift and detailed calculation, we always ask to provide a digital CAD drawing.



Building information modeling(BIM)

You can consult our **extensive BIM-library** in the document catalog on our [website](#).

The PolySto BIM models can be extracted, exchanged or networked to support decision-making regarding your new or renovation built assets.

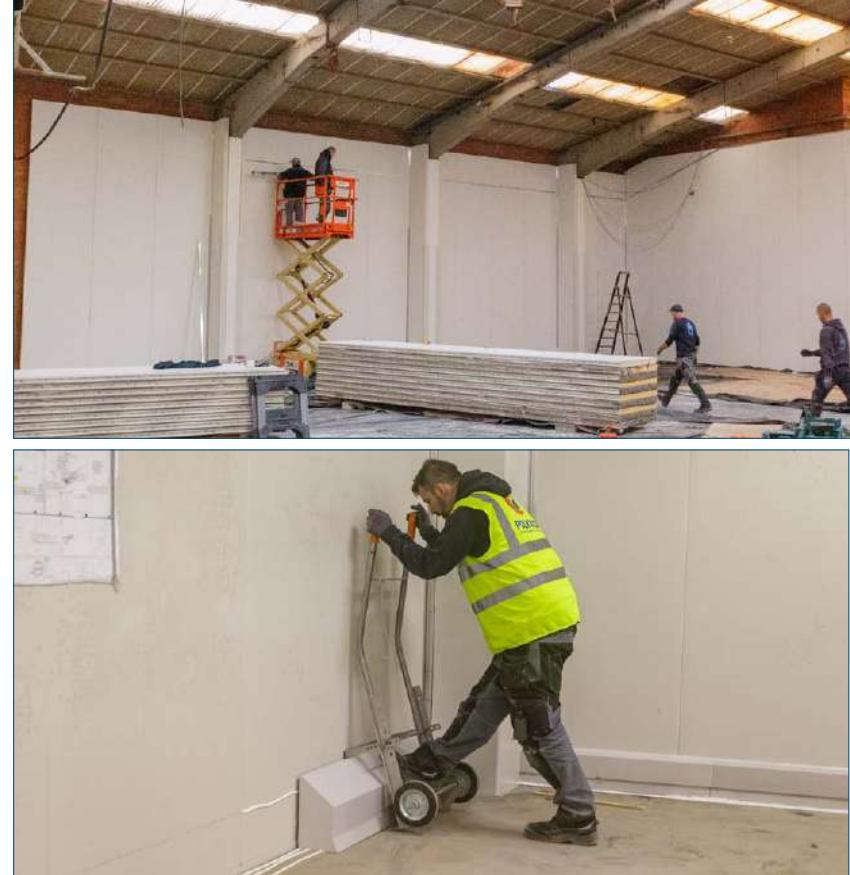
Apart from detailed technical drawings, the BIM library contains a full technical description of all CleanRock kerbs which can be useful for tender and project specifications.

Total solutions

The approach towards new construction or renovation of your food safe areas require specialized expertise. PolySto Group looks back on **30 years of experience** in hygienic construction.

In BeNeLux we have our own **certified installation team** who take on the daily challenges to complete hygienic renovations or new construction projects.

Through insight into the **construction details**, technical expertise and attention to safety, reliability and flexibility, we are able to offer suitable and responsible solutions for the food-safe finish of all areas where hygienic and **HACCP finish** are required, taking into account the construction costs, quality, predetermined planning and safety.



Advice food safety institutes



Training, seminars & webinars

Supervision and training of international dealers and partners



Consulting engineering

Support in development of a total hygienic wall concept



Organisations



Customers



Internships & students



Experts in PolySto hygienic construction

Masters of installation

Perfectionists into finest details

PolySto **ambassadors**

Bring **total** hygienic solutions

Share knowledge in the **PolySto community**

PolySto Group BV cooperates with dedicated partners and installation companies throughout the world.

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

Interested in becoming a Master Installer?

Contact us!

FRP TECHNOLOGY

CLASSIC BUILDING MATERIALS



Ceramic tiles



Concrete cladding



Brick walls



Stainless steel panels



Sandwich panels

What are the problems with classic building materials?

Degradation and corrosion of wall & ceiling panels due to:



Mechanical impact

- Poor or lack of good wall protection
- Scratches and point impacts
- Normal wear and tear



Cleaning agents

- unsuitable or inappropriate use:

- Temperature
- Concentration
- Mix of detergents
- Cleaning equipment: e.g. brushes
high pressure devices



Resulting in:

- High risk of bacterial contamination
- Development of moulds and fungus
- Possible production interruptions or stops



WHAT IS FRP?

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



Resistant to
high pressure
cleaning

Extreme low bacterial adhesion

Log (UFC/cm²)

Adhesion of Listeria monocytogenes

	Stainless steel	FRP smooth	FRP embossed
	7,3	5,84	2,52

Available in different surfaces

Embossed

Smooth (+film),
Smooth matt (+film)
Smooth glossy (+ film)



Certified Greenguard / Afsett+ (A+)



Resistant to high pressure cleaning



- ✓ High chemical resistance
- ✓ High impact strength

- ✓ Durable and sustainable
- ✓ 85% light reflection



CLEANROCK TECHNOLOGY

What are the problems with classic building materials?



Concrete kerbs with resin-epoxy coating:

- Very long installation times
- Aggressive water/concrete mixture causes corrosion to sandwich panels
- Physical impacts causes cracks
- Difficult and expensive to maintain
- Water and biomass infiltration cause growth of harmful bacteria

Resin and tile coved skirtings:

- Expensive and brittle
- Not a wall protection
- Due to temperature changes, impact ruptures the skirting
- Infiltrated water in the floor evaporates and causes the resin floor to break



Stainless steel shells filled on site with concrete:

- Complex and time consuming installation process
- Voids behind stainless steel surface which is a risk for contamination
- Difficult to repair or maintain
- Cold bridge

Hollow, flexible PVC coved skirtings:

- Very brittle
- Hollow spaces behind the surface which is ideal for bacteria growth
- Weak and chemically not stable
- Flexible rubber joints are not watertight and chemical resistant



Resulting in:

- High risk of bacterial contamination
- Possible production interruptions or stops
- High installation and maintenance costs



CleanRock

UNIQUE PROPERTIES



Food safe



Chemical
resistant



Water
resistant



Strong



Quick and
easy to install



Optimal cost
of ownership



Repairable



Prefab system

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.

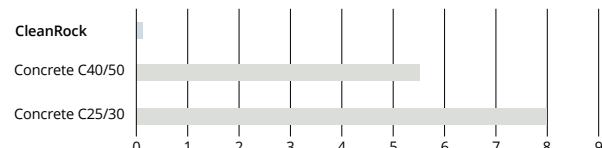
5 x STRONGER than concrete

Flexural strength (MPa)

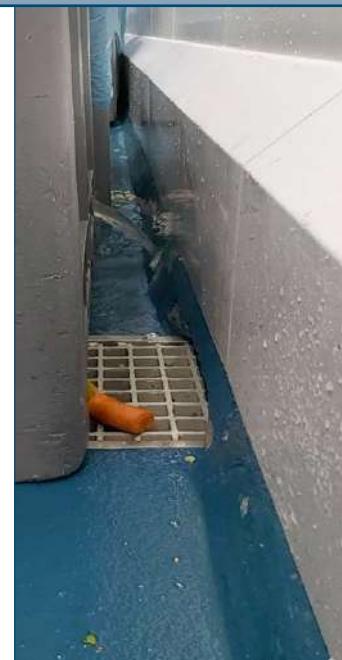
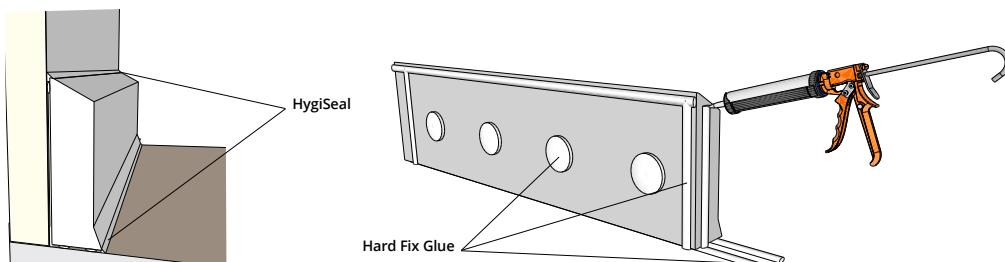


No water absorption!

Water absorption (%)

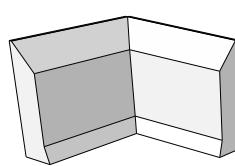


Double water barrier

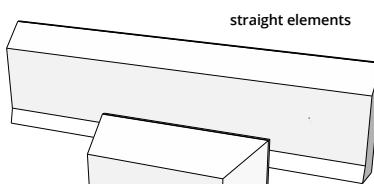


Prefabricated & modular system

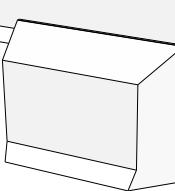
- ✓ CleanRock kerbs can be mounted before or after placement of new floor
- ✓ Very fast installation
- ✓ If needed elements can be removed individually



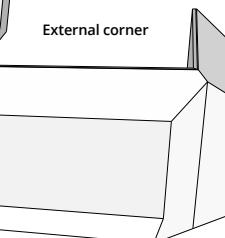
Internal corner



straight elements



45° end piece



External corner



HYGISEAL

What are the problems with classic sealants in the food Industry?



Silicone joints

- Poor resistance to high pressure cleaning
- Anti-fungal agents are rinsed out by cleaning
- (Black) mould on silicone joints
- High maintenance cost
- Higher risk for production interruption due to maintenance
- High risk of bacteria outbreak



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.

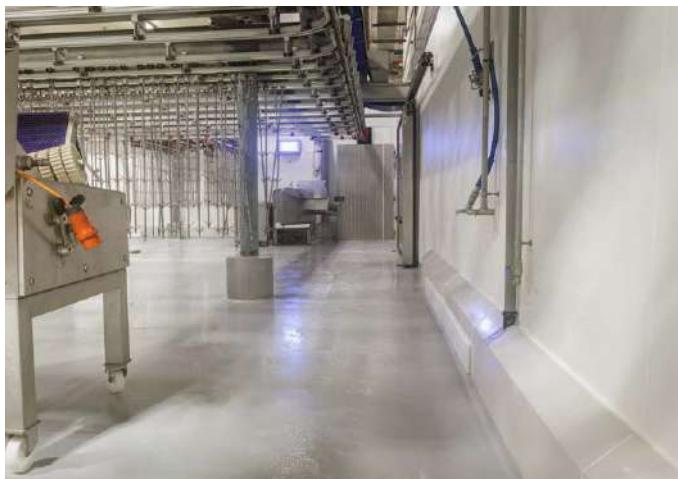
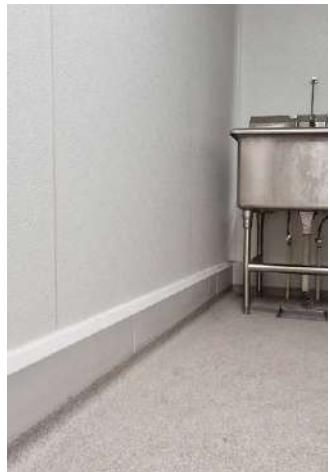


The total hygienic design solution:

- Windows
- Doors
- Sandwich panels
- Walls
- Ceilings
- Bollards
- Barriers
- Light fixtures
-



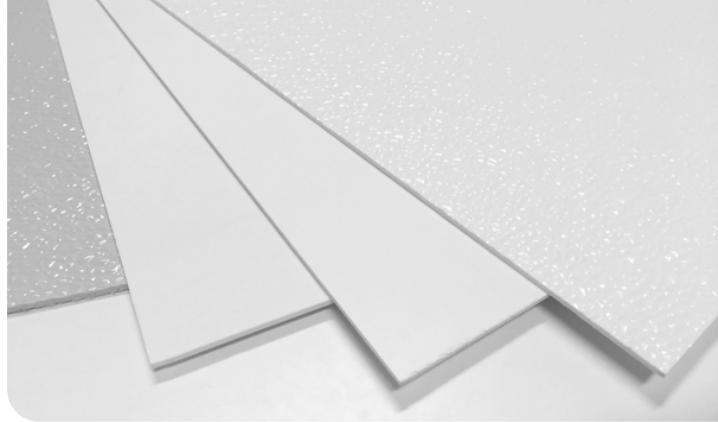
PROJECTS



FRP SHEET

Fiber glass reinforced composite polyester sheet for the hygienic and durable protection of walls and ceilings. The PolySto FRP sheet is available with a embossed, smooth, smooth matt and smooth glossy (+film).

The Polysto FRP sheet is the base for the products RenoPanel, RenoCemPanel, InsuPanel, HygiCeiling and HygiWall.



Euro Class E	Euro Class B-S2,d0	Description	Sheet size (m)	# per pallet
F2,3E_2	-	FRP sheet embossed 2,3 mm	1,2 x 2 (2,4 m2)	100 pc
F2,3E_2,5	FFRB2,3E_2,5	FRP sheet embossed 2,3 mm	1,2 x 2,5 (3 m2)	100 pc
F2,3E_3	FFRB2,3E_3	FRP sheet embossed 2,3 mm	1,2 x 3 (3,6 m2)	100 pc
F2,3E_3,5	-	FRP sheet embossed 2,3 mm	1,2 x 3,5 (4,2 m2)	50 pc
F2,3E_4	-	FRP sheet embossed 2,3 mm	1,2 x 4 (4,8 m2)	50 pc
F2,3E_M2	-	FRP sheet embossed 2,3 mm - custom made	1,2 x ...	-
F2,3E_200	FRB2,3E_200	FRP sheet embossed 2,3 mm on coil	1,2 x 200 (240 m2)	1 pc
F2S_2,5	FFRB2S_2,5	FRP sheet smooth 2 mm + film	1,2 x 2,5 (3 m2)	100 pc
F2S_3	FFRB2S_3	FRP sheet smooth 2 mm + film	1,2 x 3 (3,6 m2)	100 pc
F2S_3,5	-	FRP sheet smooth 2 mm + film	1,2 x 3,5 (4,2 m2)	50 pc
F2S_4	-	FRP sheet smooth 2 mm + film	1,2 x 4 (4,8 m2)	50 pc
F2S_M2	-	FRP sheet smooth 2 mm + film - custom made	1,2 x ...	-
F2S_250	FRB2S_250	FRP sheet smooth 2 mm + film on coil	1,2 x 250 (300 m2)	1 pc
F2SM_2,6	-	FRP sheet smooth matt 2 mm + film	1,2 x 2,6 (3,12 m2)	100 pc
F2SM_3	-	FRP sheet smooth matt 2 mm + film	1,2 x 3 (3,6 m2)	100 pc
F2,3E_LG_3	-	FRP sheet embossed 2,3 mm light grey	1,2 x 3 (3,6 m2)	100 pc
F3E_3	-	FRP sheet embossed 3 mm	1,2 x 3 (3,6 m2)	100 pc
F3S_3	-	FRP sheet smooth 3 mm + film	1,2 x 3 (3,6 m2)	100 pc

* indicates not available in Euro Class B-S2,d0

Consumption	
Hard Fix Glue	600 cc/m ²
HygiSeal	40 cc/m
Food safe sealant white*	150 cc/m

	Embossed - 2,3 mm	Smooth, matt or glossy - 2 mm
Weight/m²	+- 3 kg/m ²	+- 3.2 kg/m ²
Colour	standard RAL 9016 (hygienic white)	
Temperature range	-60 °C / +100 °C (suitable profiles are required above 60°C)	
Tolerance lenght/width	0.2 x 0.5 %	
HS-Code	39 21 90 10	

* Food safe sealant white is required to seal the H-connection profile between 2 sheets. A H-connection profile needs to be installed every 6 meter (5 sheets).

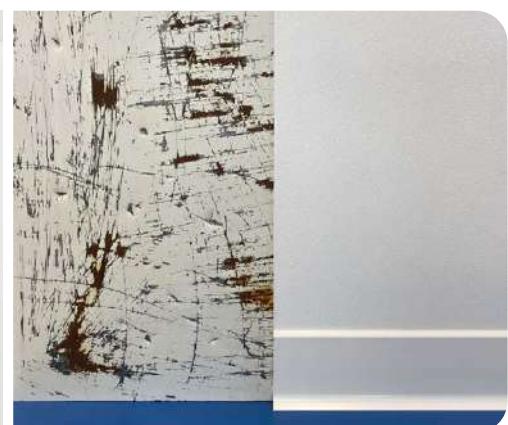
Other lengths available on demand.
All other RAL colours available on demand (min. 500 m² / colour).



FRP sheets with very strong HygiSeal 3.1 joint.



FRP sheets finished with PVC profiles.

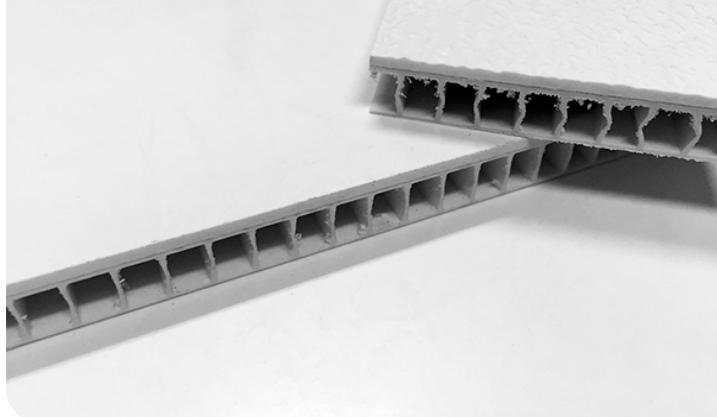


FRP sheet 2,3 mm embossed with PV15F skirting.



FRP RENOPANEL

The PolySto RenoPanel is a light-weight polypropylene based FRP panel with connection omegaprofile for ceilings.

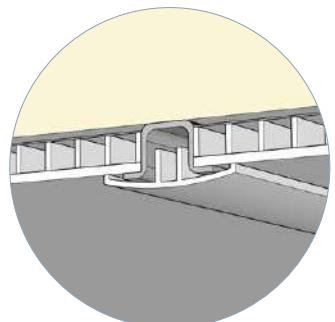
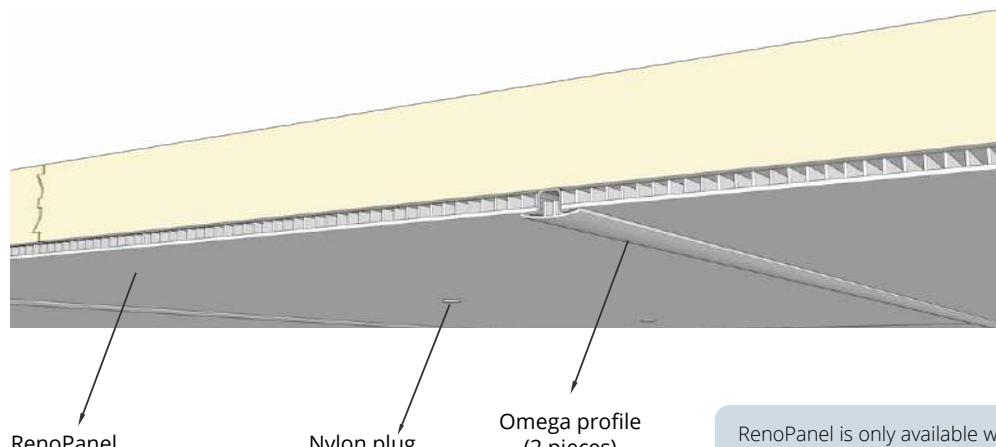


Euro Class E	Description	Sheet size (m)	# per pallet
F1,5E_PP10_2,5	RenoPanel, FRP embossed 1,5 mm + 10 mm polypropylene	1,2 x 2,5 (3 m2)	50 pc
F1,5E_PP10_3	RenoPanel, FRP embossed 1,5 mm + 10 mm polypropylene	1,2 x 3 (3,6 m2)	50 pc
F1,5S_PP10_2,5	RenoPanel, FRP smooth 1,5 mm + film + 10 mm polypropylene	1,2 x 2,5 (3 m2)	50 pc
F1,5S_PP10_3	RenoPanel, FRP smooth 1,5 mm + film + 10 mm polypropylene	1,2 x 3 (3,6 m2)	50 pc

Consumption	
Hard Fix Glue	600 cc/m ²
Food safe sealant white*	150 cc/m

Joints made by an omega-profile.

	Embossed - 1,5 mm	Smooth (1,5 mm), matt (2mm) or glossy (2 mm)
Weight/m²	+- 4 kg/m ²	+- 4,25 kg/m ²
Colour	standard RAL 9016 (hygienic white)	
Temperature range	0 °C / +60 °C	
Panel material	Polypropylene	
Tolerance lenght/width	0.2 x 0.5 %	
HS-Code	39 21 90 10	



RenoPanel is only available with omega-connection profiles and is not suitable for PolySto HygiSeal!

Other lengths available on demand up to 5 meter.
All other RAL colours available on demand (min. 500 m² / colour).

Profiles for finishing FRP sheets and panels

Page 21-22



FRP embossed **RenoPanel** as hygienic ceiling in a potatoe processing facility.

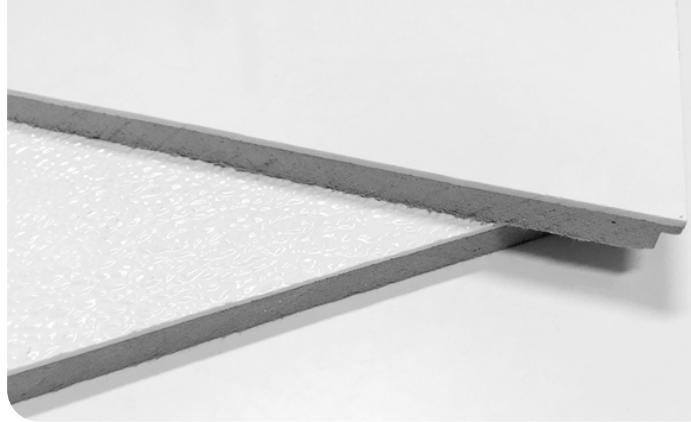


FRP embossed **RenoPanel** as hygienic ceiling in a meat processing facility.



FRP RENOCEMPANEL

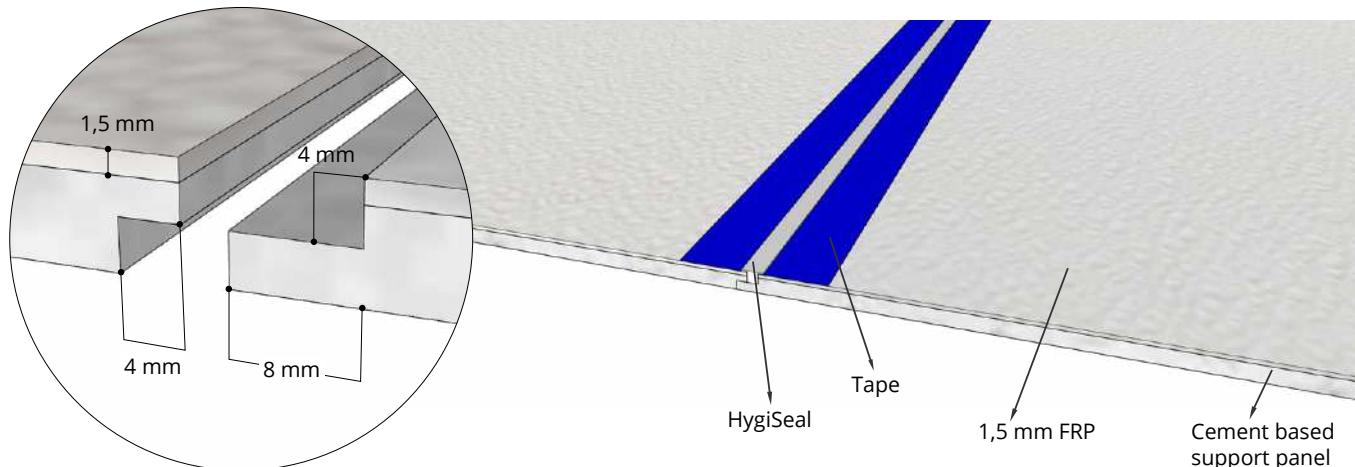
RenoCem high impact panel is perfect to renovate your walls in poor condition or for rooms where a high fire resistance or thermal stability is required. PolySto RenoCemPanel can be used as a solid firewall. The cement based support panel has an Euro Class **A2-S1,d0** certificate.



Euro Class E	Euro Class B-S2,d0	Description	Sheet size (m)	# per pallet
F1,5E_RC6_2,6F	FFRB1,5E_RC6_2,6F	RenoCemPanel, FRP embossed 1,5 mm + 6 mm cement panel	1,2 x 2,6 (3,12 m2)	35 pc
F1,5E_RC6_3F	FFRB1,5E_RC6_3F	RenoCemPanel, FRP embossed 1,5 mm + 6 mm cement panel	1,2 x 3 (3,6 m2)	35 pc
F1,5S_RC6_2,6F	FFRB1,5S_RC6_2,6F	RenoCemPanel, FRP smooth 1,5 mm + 6 mm cement panel	1,2 x 2,6 (3,12 m2)	35 pc
F1,5S_RC6_3F	FFRB1,5S_RC6_3F	RenoCemPanel, FRP smooth 1,5 mm + 6 mm cement panel	1,2 x 3 (3,6 m2)	35 pc

Consumption	
Hard Fix Glue	600 cc/m ²
HygiSeal	40 cc/m

	Embossed - 1,5 mm	Smooth (1,5 mm), matt (2mm) or glossy (2 mm)
Weight/m²	+- 10,8 kg/m ²	+- 11 kg/m ²
Colour	standard RAL 9016 (hygienic white)	
Temperature range	-60°C / +100°C (suitable profiles are required above 60°C)	
Panel material	Fibre cement (A2,s1-d0)	
Tolerance lenght/width	0.2 x 0.5 %	
HS-Code	39 21 90 10	



Profiles for finishing FRP sheets and panels

Page 21-22

Other lengths available on demand up to 3,75 meter.
 All other RAL colours available on demand (min. 500 m² / colour).



FRP RenoCemPanel prepared with blue tape for HygiSeal 3.1 installation.



FRP RenoCemPanel in a bakery.



FRP RenoCemPanels can be installed on metal studs.



FRP INSUPANEL

PIR insulation 1 sided laminated panel for walls and ceilings. Ideal for renovation and new-build where additional insulation is required. Because of it's weight perfect for the renovation of ceilings.

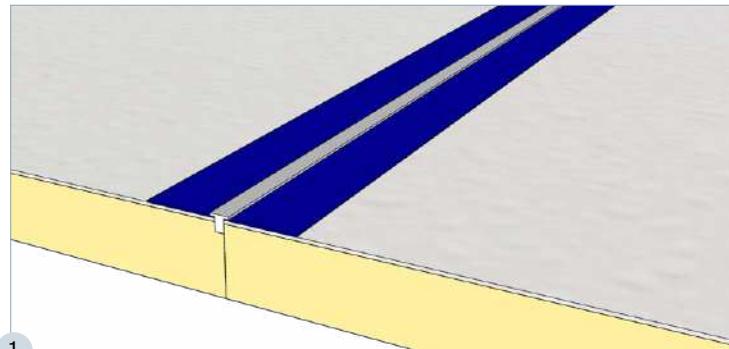


1 sided FRP

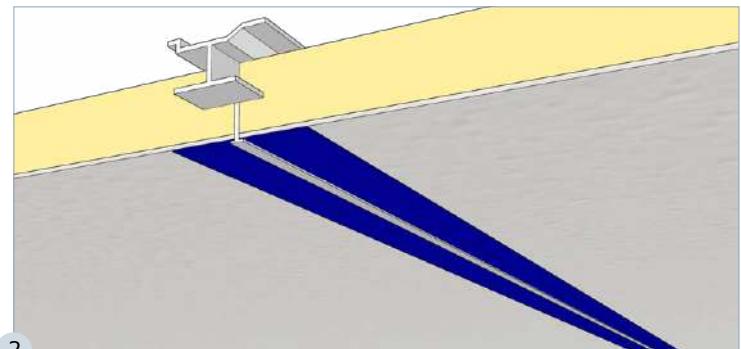
Euro Class E	Euro Class B-S2,d0	Description	Sheet size (m)	# per pallet
2,3E_PIR3_3	FFRB2,3E_PIR3_3	InsuPanel, FRP embossed 2,3 mm + 30 mm PIR + Aluclad	1,2 x 3 (3,6 m2)	+- 32 pc
2,3E_PIR4_3	FFRB2,3E_PIR4_3	InsuPanel, FRP embossed 2,3 mm + 40 mm PIR + Aluclad	1,2 x 3 (3,6 m2)	+- 24 pc
2,3E_PIR6_3	FFRB2,3E_PIR6_3	InsuPanel, FRP embossed 2,3 mm + 60 mm PIR + Aluclad	1,2 x 3 (3,6 m2)	+- 16 pc

Consumption	
Hard Fix Glue	600 cc/m ²
HygiSeal	40 cc/m

	Embossed - 1,5 mm	Smooth (1,5 mm), matt (2mm) or glossy (2 mm)
Weight/m²	PIR 30 mm +- 4,42 kg/m ²	+- 4,62 kg/m ²
	PIR 40 mm +- 4,74 kg/m ²	+- 4,94 kg/m ²
	PIR 60 mm +- 5,38 kg/m ²	+- 5,58 kg/m ²
Colour	standard RAL 9016 (hygienic white)	
Temperature range	-60°C / +100°C (suitable profiles are required above 60°C)	
Panel material	PIR insulation board (C-s2,d0 or optional B-s2,d0)	
Tolerance lenght/width	0.2 x 0.5 %	
HS-Code	39 21 90 10	



1 Insupanel with HygiSeal joint.



2 Insupanel mounted with a H-profile and sealed with HygiSeal for ceiling.

Profiles for finishing FRP sheets and panels **Page 21-22**

Other thicknesses available on demand (30-100mm). Custom length up to 5 meter. All other RAL colours available on demand (min. 500 m² / colour).



FRP Insupanel as panel and ceiling in a cold store.



FRP HYGIWALL

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



1 sided FRP

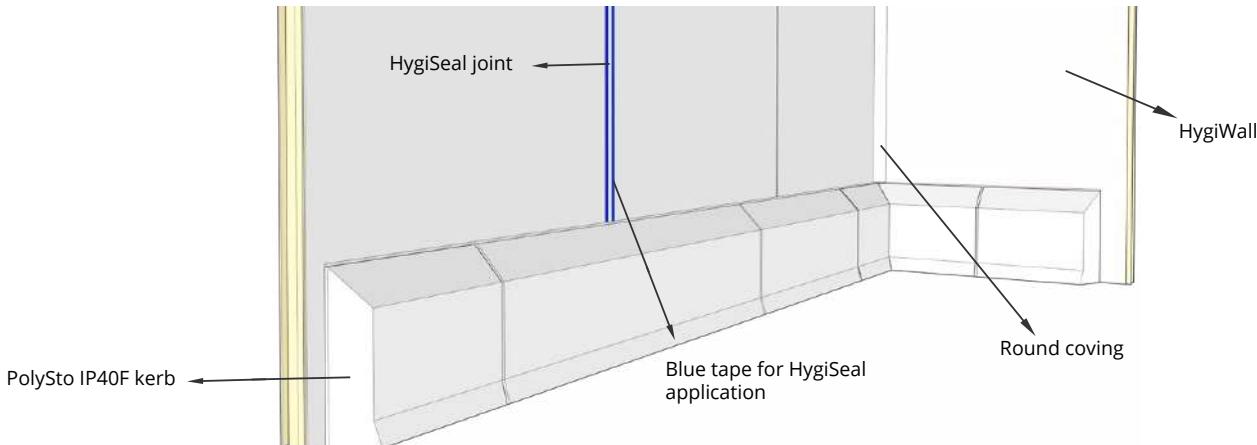
Euro Class E	Euro Class B-S2,d0	Description	# per pallet
HW60JI_1,5E	HW60JI_FFRB1,5E	1 sided HygiWall, FRP embossed 1,5 mm + 60 mm steel sandwich panel	+ - 16 pc
HW80JI_1,5E	HW80JI_FFRB1,5E	1 sided HygiWall, FRP embossed 1,5 mm + 80 mm steel sandwich panel	+ - 12 pc
HW100JI_1,5E	HW100JI_FFRB1,5E	1 sided HygiWall, FRP embossed 1,5 mm + 100 mm steel sandwich panel	+ - 10 pc
HW60JI_1,5S	HW60JI_FFRB1,5S	1 sided HygiWall, FRP smooth 1,5 mm + 60 mm steel sandwich panel	+ - 16 pc
HW80JI_1,5S	HW80JI_FFRB1,5S	1 sided HygiWall, FRP smooth 1,5 mm + 80 mm steel sandwich panel	+ - 12 pc
HW100JI_1,5S	HW100JI_FFRB1,5S	1 sided HygiWall, FRP smooth 1,5 mm + 100 mm steel sandwich panel	+ - 10 pc

	Embossed - 1,5 mm	Smooth (1,5 mm), matt (2mm) or glossy (2 mm)
Colour	standard RAL 9016 (hygienic white)	
Temperature range	-60°C / +70°C (suitable profiles are required above 60°C)	
Panel material	Sandwich panel with PIR core Euroclass B-s1,d0 or FM approved Sandwich panel with mineral wool core Euroclass A2-s1d0	
HS-Code	39 21 90 10	

Other lengths available on demand. 2 sided FRP is optional.
All other RAL colours available on demand (min. 500 m² / colour).

Consumption HygiSeal joints (+- 80 cc/m)

width joint + 2 mm x height joint + 2 mm = consumption / meter



Box in box renovation with FRP HygiWall.



Installation of FRP HygiWall as partition wall.



FRP HygiWall in a ready meal facility.



FRP HYGICEILING

Hygienic and washable FRP ceiling tiles for suspended ceilings.



Euro Class E

	Description	Sheet size (mm)	# per pallet
F3E_0,6	HygiCeiling, FRP embossed 3 mm, Euro Class E	595 x 595 (0,354 m ²)	+- 400 pc
F3E_1,2	HygiCeiling, FRP embossed 3 mm, Euro Class E	1195 x 595 (0,711 m ²)	+- 200 pc
F3S_0,6	HygiCeiling, FRP smooth 3 mm, Euro Class E	595 x 595 (0,354 m ²)	+- 400 pc
F3S_1,2	HygiCeiling, FRP smooth 3 mm, Euro Class E	1195 x 595 (0,711 m ²)	+- 200 pc

Euro Class B-S2,d0

Other RAL colours available on demand (min. 500 m²/colour).

	Description	Sheet size (mm)	# per pallet
FFRB2,3EC_0,6	HygiCeiling, Fire retardant Euro Class B-S2,d0 FRP embossed 2,3 mm	595 x 595 (0,354 m ²)	+- 400 pc
FFRB2,3EC_1,2	HygiCeiling, Fire retardant Euro Class B-S2,d0 FRP embossed 2,3 mm	1195 x 595 (0,711 m ²)	+- 200 pc
FFRB2,3SC_0,6	HygiCeiling, Fire retardant Euro Class B-S2,d0 FRP smooth 2,3 mm	595 x 595 (0,354 m ²)	+- 400 pc
FFRB2,3SC_1,2	HygiCeiling, Fire retardant Euro Class B-S2,d0 FRP smooth 2,3 mm	1195 x 595 (0,711 m ²)	+- 200 pc

HYGICEILING STRUCTURES (ANTI-CORROSION)

	Description	# per box
CMC_LP_3,05	CMC T24 L edge profile, white, anti-corrosion, 3050 x 24 mm	40 pc
CMC_MP_3,6	CMC T24 main runner profile, white, anti-corrosion, 3600 x 24 mm	25 pc
CMC_CP_1,2	CMC T24 cross profile, white, anti-corrosion, 1200 x 24 mm	50 pc
CMC_CP_0,6	CMC T24 cross profile, white, anti-corrosion, 600 x 24 mm	75 pc
CMC_H_100/190	CMC T24 hanger 100 - 190 mm	100 pc
CMC_H_200/390	CMC T24 hanger 200 - 390 mm	100 pc
CMC_H_300/590	CMC T24 hanger 300 - 590 mm	100 pc
CMC_H_500/990	CMC T24 hanger 500 - 990 mm	100 pc
CMC_H_1000/1290	CMC T24 hanger 1.000 - 1.290 mm	50 pc
CMC_H_1200/1490	CMC T24 hanger 1.200 - 1.490 mm	50 pc
CMC_HDC1_100	CMC T24 ceiling clips HDC1	100 pc

Ceiling structures for the HygiCeiling tiles are available in full packages only. Standard colour: White RAL 9016.



FRP HygiCeiling 595x595mm tiles in a hospital area.



Installation of FRP HygiCeiling.



FRP HygiCeiling in a supermarket.



PREFAB KERBS

3 types of finishing



NATURAL

Strong and durable CleanRock kerb with a monolithic and smooth surface.



SANICOAT

High-care CleanRock kerb with smooth gelcoat (polyester base) to provide extra protection against aggressive cleaning agents and chemicals like salt, acids, blood, starch and lactic acid.

Other colours available on request. RAL 9010

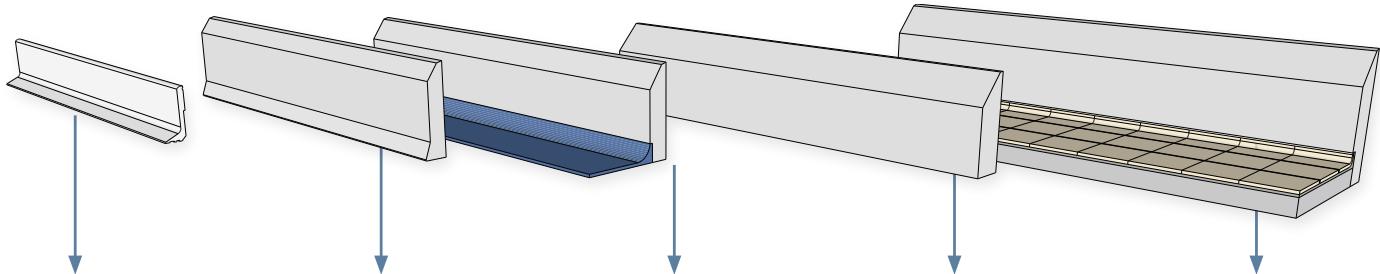


STAINLESS STEEL

1,2 mm 1.4306 Stainless steel kerbs with concrete core.

Custom sizes are possible on request.

5 different 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
- Troweld floors
- Vinyl and liquid floors

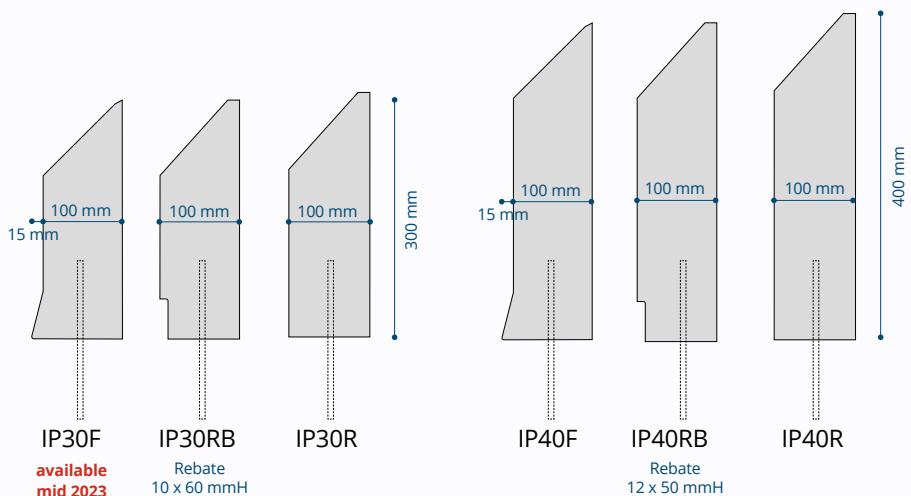
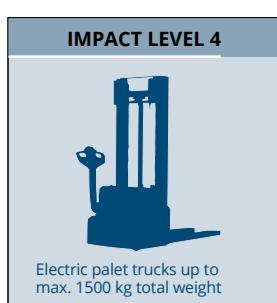
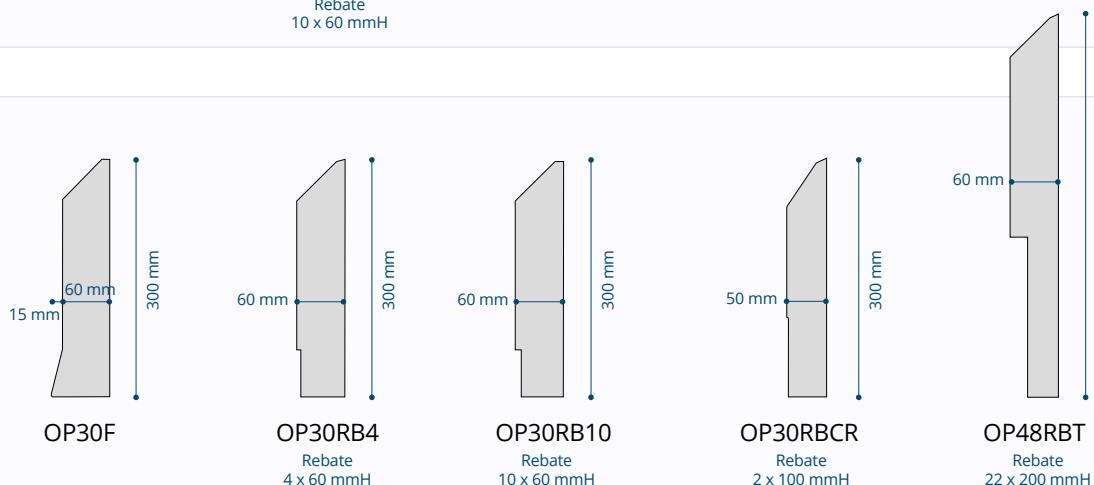
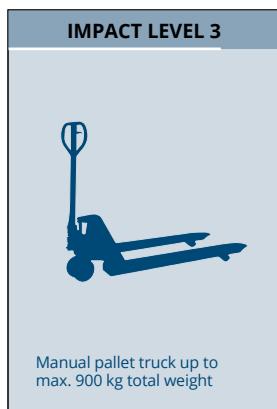
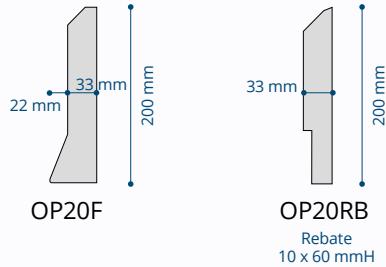
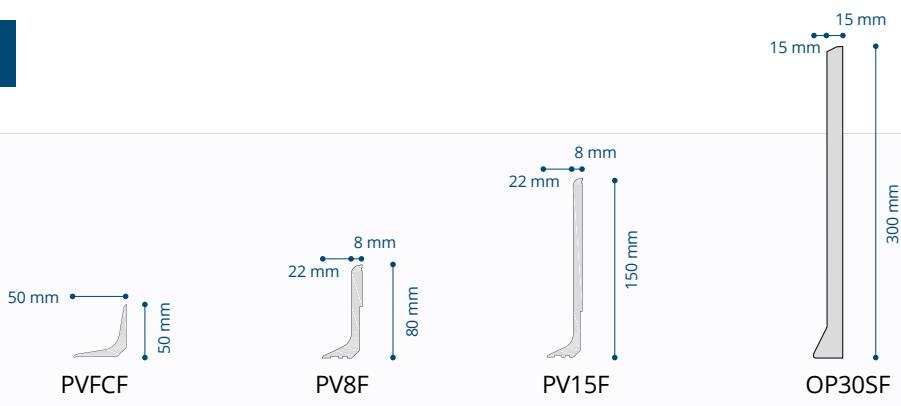
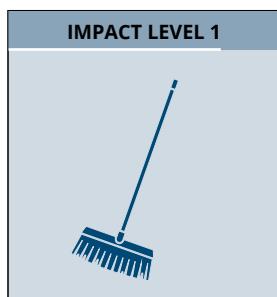
R-type (Straight)

- 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 troweld floors

IMPACT LEVELS



* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Consult the installation instructions for chemical anchorage for more information.

Other types and models available upon request (height, thickness, finish).



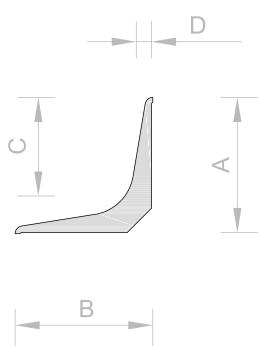
FULL CORE PVC SKIRTINGS



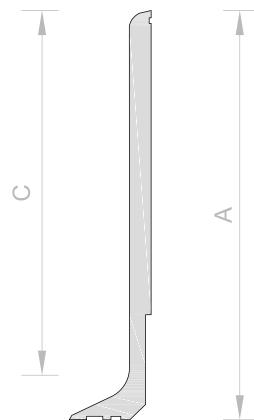
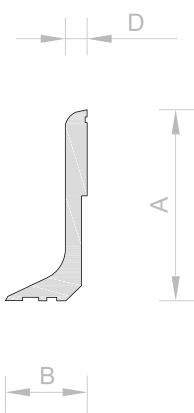
PV15F



PVFCF



PV8F



	Impact class	Length	A	B	C	D	Weight / pc	# per pallet
PVFCF	1	2.000 mm	50 mm	50 mm	35 mm	8 mm	2 kg	500 pc
PV8F	1	2.000 mm	80 mm	30 mm	50 mm	8 mm	2 kg	500 pc
PV15F	1	2.000 mm	150 mm	30 mm	120 mm	8 mm	4 kg	250 pc

Internal corner (IN)	
Length	Weight / pc
160 / 160 mm	0,36 kg
60 / 60 mm	0,07 kg
60 / 60 mm	0,11 kg

External corner (EX)	
Length	Weight / pc
160 / 160 mm	0,36 kg
160 / 160 mm	0,36 kg
160 / 160 mm	0,72 kg

Standard colour:

white
RAL 9010

grey
RAL 7035

Other RAL colour (from 500m) on request

HS-Code PVC skirtings

39 18 10 10



PolySto prefabricated **PV15F** full core PVC skirting installed against a FRP embossed sheet, finished with HygiSeal.



PREFAB CLEANROCK KERBS

WITH COVED SKIRTING



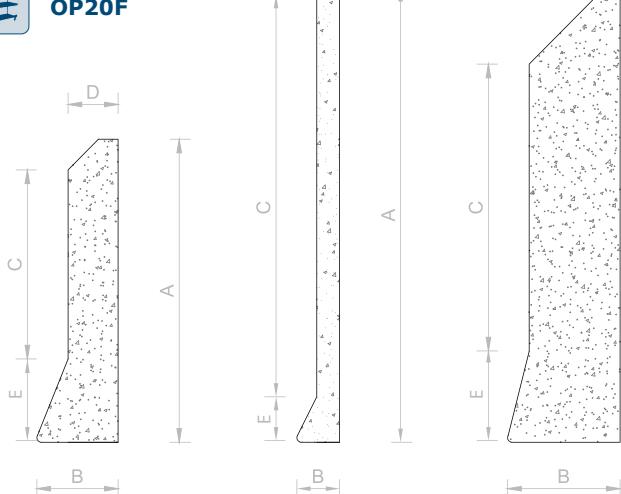
OP30SF



OP30



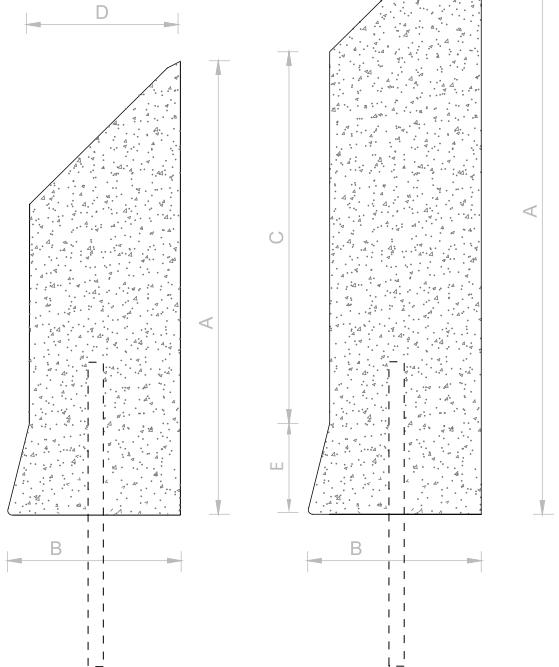
OP20F



IP30F
available mid 2023



IP40F



	Impact class	Length	A	B	C	D	E	Weight / pc	# per pallet
OP20F	2	1.000 mm	200 mm	55 mm	122 mm	33 mm	55 mm	15,6 kg	50 pc
OP30SF	1	1.500 mm	300 mm	30 mm	263 mm	15 mm	20 mm	15,2 kg	40 pc
OP30F	3	1.500 mm	300 mm	75 mm	187 mm	60 mm	55 mm	60,2 kg	20 pc
IP30F	4 or 5*	1.500 mm	300 mm	115 mm	148 mm	100 mm	55 mm	93 kg	12 pc
IP40F	4 or 5*	1.500 mm	400 mm	115 mm	248 mm	100 mm	55 mm	124,2 kg	12 pc

Internal corner (IN)		
Length	Weight / pc	# per pallet
OP20F	2 x 500 mm	15,6 kg
OP30F	2 x 500 mm	37,6 kg
IP30F	2 x 500 mm	56,5 kg
IP40F	2 x 500 mm	75,5 kg

External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	15,6 kg	50 pc
2 x 450 mm	37,6 kg	20 pc
2 x 450 mm	56,5 kg	12 pc
2 x 450 mm	75,5 kg	12 pc

End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	7,8 kg	100 pc
500 mm	18,8 kg	40 pc
500 mm	28,30 kg	24 pc
500 mm	37,75 kg	24 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Straight elements of 1.500 mm need 4 drillings. Elements of 500 mm need 2 drillings per piece.

HS-Code CleanRock kerbs

39 25 90 80

Additional options for CleanRock kerbs	
UITSP_ACHTER_KL	UITSP_ACHTER_GR
Additional rebate applied in the backside of the kerb to cover existing coved skirtings or other objects (available from impact level 3)	
ANC150	Chemical anchorage - 4 drillings / kerb - ø 10 mm - 150 mmL
ANC150	Chemical anchorage - 4 drillings / kerb - ø 10 mm - 200 mmL
RAL	Sanicote gelcoat is RAL 9010. Other RAL colour available on request



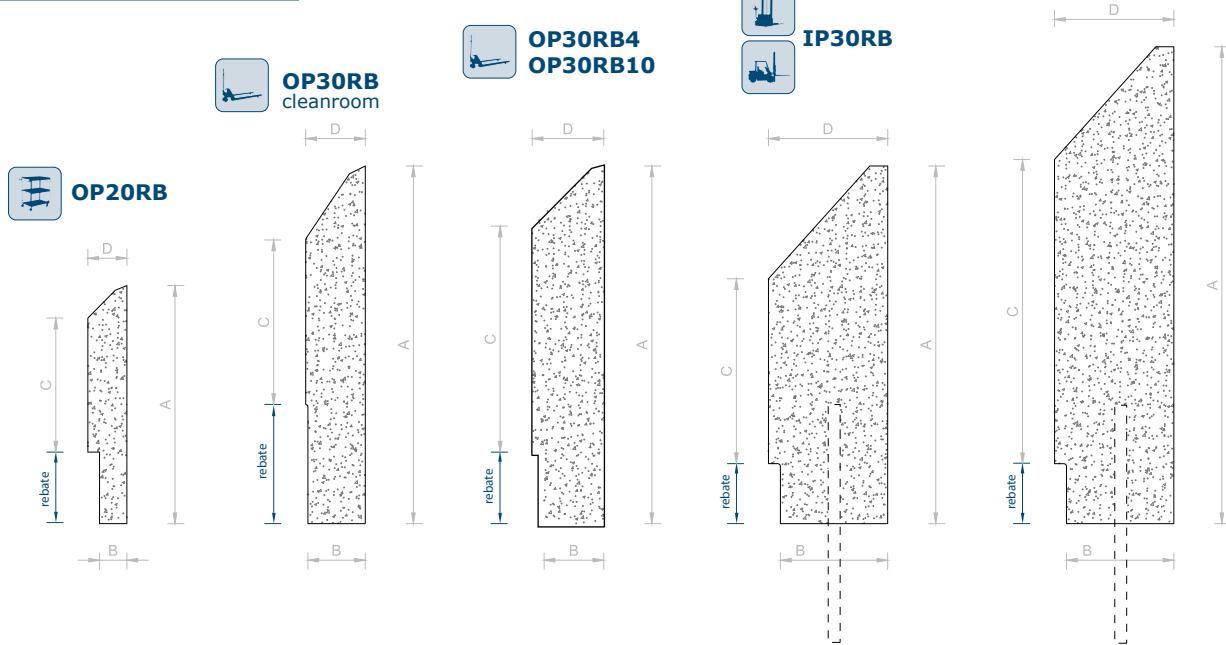
PolySto prefabricated **IP40F Natural** CleanRock kerb.





PREFAB CLEANROCK KERBS

WITH REBATE FOR CAST FLOORING



Impact class	Length	Rebate	A	B	C	D	Weight / pc	# per pallet
OP20RB	2	1.000 mm	10 x 60 mmH	200 mm	23 mm	117 mm	33 mm	13,2 kg
OP30RB cleanroom	3	1.500 mm	2 x 100 mmH	300 mm	48 mm	141 mm	60 mm	45 kg
OP30RB4	3	1.500 mm	4 x 60 mmH	300 mm	50 mm	184 mm	50 mm	55,4 kg
OP30RB10	3	1.500 mm	10 x 60 mmH	300 mm	50 mm	184 mm	184 mm	55,4 kg
IP30RB	4 or 5*	1.500 mm	10 x 50 mmH	300 mm	90 mm	162 mm	100 mm	116,8 kg
IP40RB	4 or 5*	1.500 mm	12 x 50 mmH	400 mm	88 mm	259 mm	100 mm	127 kg

Internal corner (IN)		
Length	Weight / pc	# per pallet
OP20RB	2 x 500 mm	12 kg
OP30RB cleanroom	2 x 1.500 mm	87 kg
OP30RB4	2 x 500 mm	33,2 kg
OP30RB10	2 x 500 mm	33,2 kg
IP30RB	2 x 500 mm	56,4 kg
IP40RB	2 x 500 mm	77 kg

External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	12 kg	50 pc
2 x 1.450 mm	87 kg	10 pc
2 x 450 mm	33,2 kg	20 pc
2 x 450 mm	33,2 kg	20 pc
2 x 450 mm	56,8 kg	12 pc
2 x 450 mm	76,8 kg	12 pc

End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	6 kg	100 pc
1.500 mm	43,5 kg	20 pc
500 mm	16,6 kg	40 pc
500 mm	16,6 kg	40 pc
500 mm	28,4 kg	24 pc
500 mm	38,4 kg	24 pc

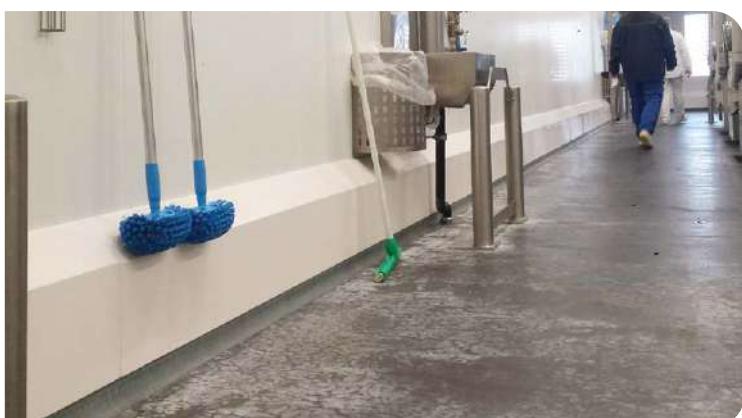
* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Straight elements of 1.500 mm need 4 drillings. Elements of 500 mm need 2 drillings per piece.

HS-Code CleanRock kerbs

39 25 90 80



PolySto prefabricated **OP30RB Natural** CleanRock kerb with rebate for cast flooring.

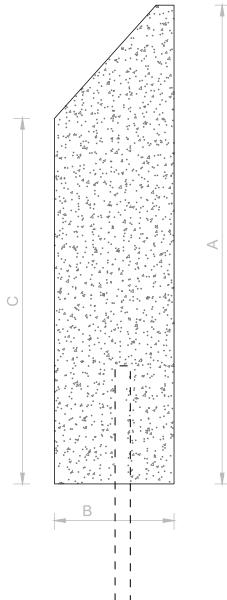
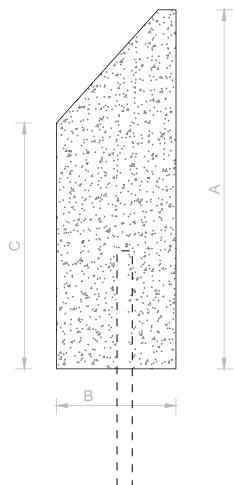


PolySto prefabricated **IP40RB Natural** CleanRock kerb with a resin floor applied into the rebate.



PREFAB CLEANROCK KERBS

STRAIGHT FOR LOGISTIC AREAS & FREEZERS



	Impact class	Length	A	B	C	Weight / pc	# per pallet
IP30R	4 or 5*	1.500 mm	300 mm	100 mm	208 mm	93,6 kg	12 pc
IP40R	4 or 5*	1.170 mm	400 mm	100 mm	307 mm	99,4 kg	12 pc

Internal corner (IN)		
Length	Weight / pc	# per pallet
2 x 500 mm	58 kg	12 pc
2 x 1.170 mm	195,6 kg	6 pc

External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	58 kg	12 pc
2 x 1.120 mm	195,6 kg	6 pc

End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	29 kg	24 pc
1.170 mm	97,8 kg	12 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Straight elements of 1.500 mm need 4 drillings. Elements of 500 mm need 2 drillings per piece.

HS-Code CleanRock kerbs

39 25 90 80

Chemical anchorage is not possible in (shock) freezers!



PolySto prefabricated **IP30R Natural** CleanRock kerb.





PREFAB CLEANROCK KERBS

WITH REBATE FOR TILED FLOORING



IP58RBT

D

A

C

B

B

A

OP48RBT

D

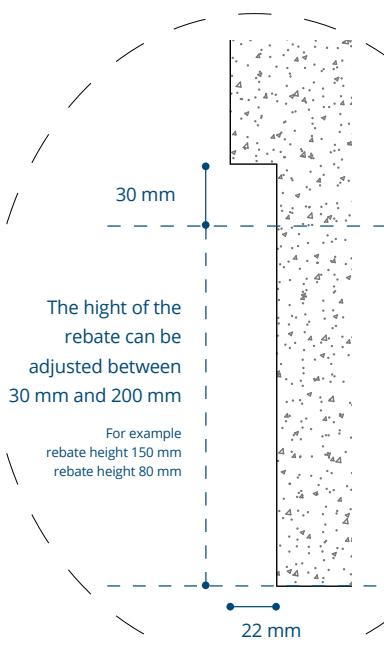
C

A

B

C

D



	Impact class	Length	Rebate	A	B	C	D	Weight / pc	# per pallet
OP48RBT	3	1.500 mm	22 x 200 mmH	480 mm	38 mm	225 mm	60 mm	82 kg	12 pc
IP58RBT	4 or 5*	1.500 mm	22 x 200 mmH	580 mm	78 mm	285 mm	100 mm	159 kg	6 pc

Internal corner (IN)		
Length	Weight / pc	# per pallet
OP48RBT	2 x 500 mm	54,5 kg
IP58RBT	2 x 500 mm	106 kg

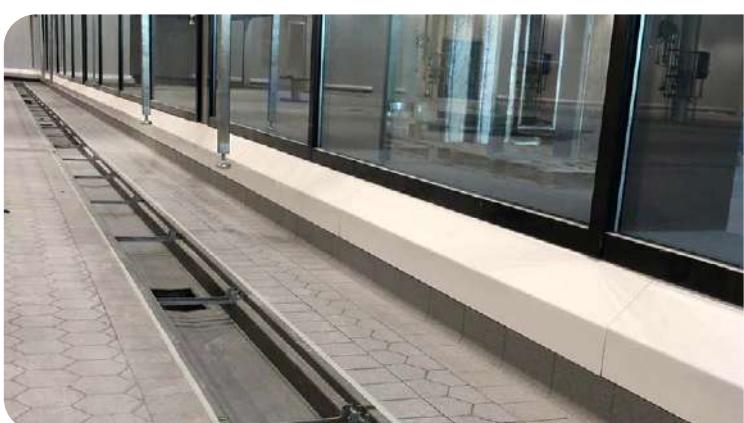
External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	54,5 kg	12 pc
2 x 450 mm	106 kg	6 pc

End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	27,25 kg	24 pc
500 mm	53 kg	12 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Straight elements of 1.500 mm need 4 drillings. Elements of 500 mm need 2 drillings per piece.

HS-Code CleanRock kerbs

39 25 90 80



PolySto prefabricated CleanRock kerbs with rebate for hexagonal tiled floors.



CONSUMPTION GUIDELINES



The consumptions listed below in **cc** are per linear meter of PolySto kerb.

Example: 1 meter of Polysto OP30F requires 450cc of Hard Fix Glue and when sealant is required a total of 350cc.

All installation materials mentioned in below table are delivered in **bags of 600cc**.

	Top & vertical joint	Bottom joint				Installation of kerbs		
Product	Sealant White or HygiSeal RAL9016	Sealant Transparent (grey)		Hard Fix Glue	Installers	m/day sealant	m/day HygiSeal	
SaniCoat	PVFCF	60 cc	60 cc		120 cc	1	40	25
	PV8F	60 cc	60 cc		120 cc	1	40	25
	PV15F	65 cc	100 cc		220 cc	1	40	25
	OP20F	140 cc	100 cc		300 cc	1	40	20
	OP20RB	135 cc	/		300 cc	1	40	25
	OP30F	140 cc	150 cc		450 cc	2	40	30
	OP30SF	140 cc	150 cc		300 cc	1	40	30
	OP30RB	135 cc	/		450 cc	2	40	35
	OP30RBCR	95 cc	/		450 cc	2	40	35
	OP48RBT	140 cc	/		600 cc	2	30	25
	IP30F	205 cc	200 cc		600 cc	2	30	20
	IP30R	205 cc	200 cc		600 cc	2	30	20
	IP30RB	200 cc	/		600 cc	2	30	25
	IP40F	150 cc	200 cc		650 cc	2	30	20
	IP40R	215cc	200 cc		650 cc	2	30	20
	IP40RB	205 cc	/		650 cc	2	30	25
	IP58RBT	150 cc	/		800 cc	2	30	25
Natural	Product	Sealant RAL9002 or HygiSeal RAL9002	Sealant Transparent (grey)		Hard Fix Glue	Installers	m/day sealant	m/day HygiSeal
	OP20F	140 cc	100 cc		300 cc	1	40	20
	OP20RB	135 cc	/		300 cc	1	40	25
	OP30F	140 cc	150 cc		450 cc	2	40	30
	OP30SF	140 cc	150 cc		300 cc	1	40	30
	OP30RB	135 cc	/		450 cc	2	40	35
	OP48RBT	140 cc	/		450 cc	2	30	25
	IP30F	205 cc	200 cc		600 cc	2	30	20
	IP30R	205 cc	200 cc		600 cc	2	30	20
	IP30RB	200 cc	/		600 cc	2	30	25
	IP40F	150 cc	200 cc		650 cc	2	30	20
	IP40R	215cc	200 cc		650 cc	2	30	20
	IP40RB	205 cc	/		650 cc	2	30	25
	IP58RBT	150 cc	/		800 cc	2	30	25
Stainless Steel	Product	Sealant White or HygiSeal RAL9016	Sealant Transparent (grey)	Sealant stainless steel or HygiSeal RAL7004	Hard Fix Glue	Installers	m/day sealant	m/day HygiSeal
	OP10Fi	55 cc	65 cc	10 cc	150 cc	1	40	25
	OP20Fi	85 cc	100 cc	20 cc	300 cc	1	40	20
	OP20RBi	85 cc	/	15 cc	300 cc	1	40	25
	OP30SFi	85 cc	150 cc	20 cc	300 cc	1	40	30
	OCS30F	60 cc	150 cc	20 cc	450 cc	2	40	30
	OCS30RB	60 cc	/	15 cc	450 cc	2	40	35
	ICS30F	60 cc	200 cc	20 cc	600 cc	2	30	20
	ICS30R	60 cc	200 cc	20 cc	600 cc	2	30	20
	ICS30RB	60 cc	/	20 cc	600 cc	2	30	25
	ICS40F	60 cc	200 cc	30 cc	650 cc	2	30	20
	ICS40R	60 cc	200 cc	25 cc	650 cc	2	30	20
	ICS40RB	60 cc	/	25 cc	650 cc	2	30	25
	ICS50R	60 cc	200 cc	30 cc	700 cc	2	30	20
	ICS50RB	60 cc	/	30 cc	700 cc	2	30	25

* We strongly suggest to apply Sealant or HygiSeal in the same colour of the wall panel.

These are estimations based on our experience and completely non-binding. These estimations are subject to the experience of the installers and conditions at the work site. Polysto Group BV cannot be held responsible for additional labour costs when exceeding these estimations.

It is very clear that each implementation has its own individual construction solution related to the size of the joints to be filled with sealant or HygiSeal.

When the installation of the Polysto kerb include chemical anchorage, an extra installer is required to foresee the drillings in the construction floor using the Polysto drilling molds (see installation instructions chemical anchorage).

In the quotation phase it is not always known which floor is present and how large the floor joints will be. The first calculation will be done with silicone for the bottom joint as standard. When the floor is flat (unstructured) and the bottom joints are no larger than 5 mm, these joints can be sealed with HygiSeal.

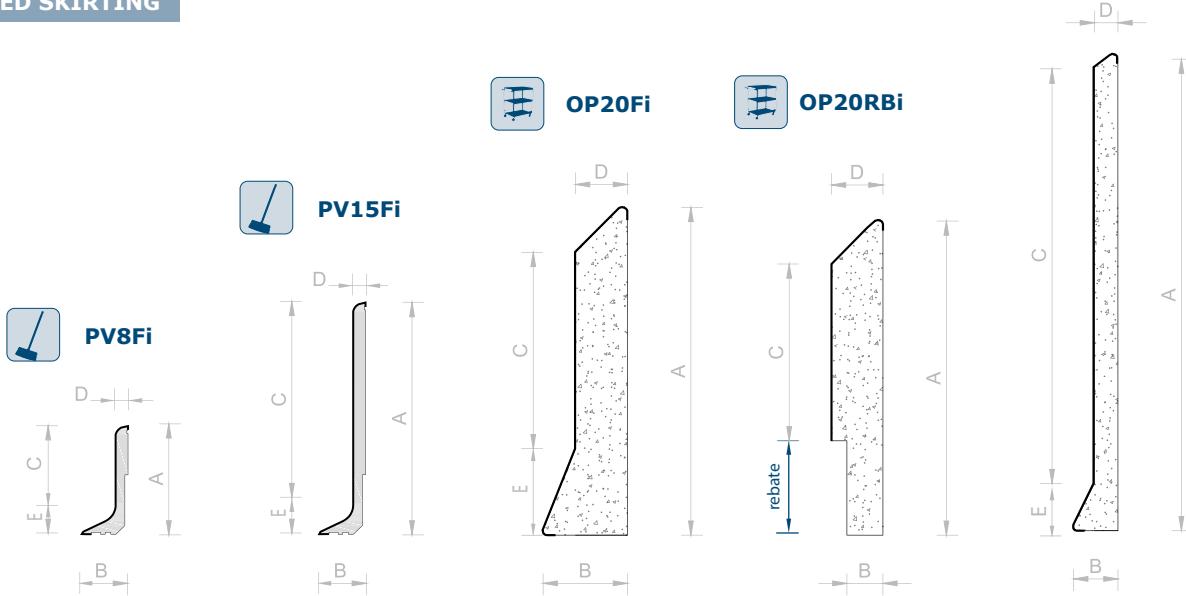


PREFAB STAINLESS STEEL SKIRTINGS



OP30SFi

WITH COVED SKIRTING



	Impact class	Length	A	B	C	D	E	Rebate	Weight / pc	# per pallet
PV8Fi	1	2.000 mm	81 mm	31 mm	50 mm	9 mm	31 mm	x	2,5 kg	500 pc
PV15Fi	1	2.000 mm	151 mm	31 mm	120 mm	9 mm	31 mm	x	5 kg	250 pc
OP20Fi	2	1.000 mm	213 mm	59 mm	124 mm	33 mm	55 mm	x	15 kg	50 pc
OP20RBi	3	1.000 mm	213 mm	23 mm	120 mm	33 mm	/	10 x 60 mmH	14 kg	50 pc
OP30SFi	1	1.500 mm	300 mm	30 mm	268 mm	15 mm	20 mm	x	15 kg	40 pc

Internal corner (IN)		
Length	Weight / pc	# per pallet
OP20Fi	2 x 500 mm	15 kg
OP20RBi	2 x 500 mm	14 kg

External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	15 kg	50 pc
2 x 450 mm	14 kg	50 pc

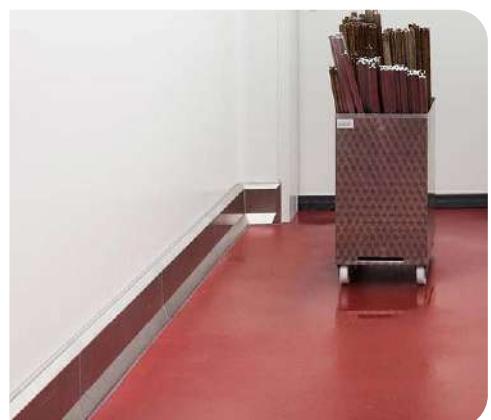
End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	7,5 kg	100 pc
500 mm	7 kg	100 pc

The skirtings PV8Fi and PV15Fi have a full PVC core.
The skirtings OP20Fi, OP20RBi and OP30SFi have a CleanRock core.

HS-Code stainless steel skirtings 39 25 90 80

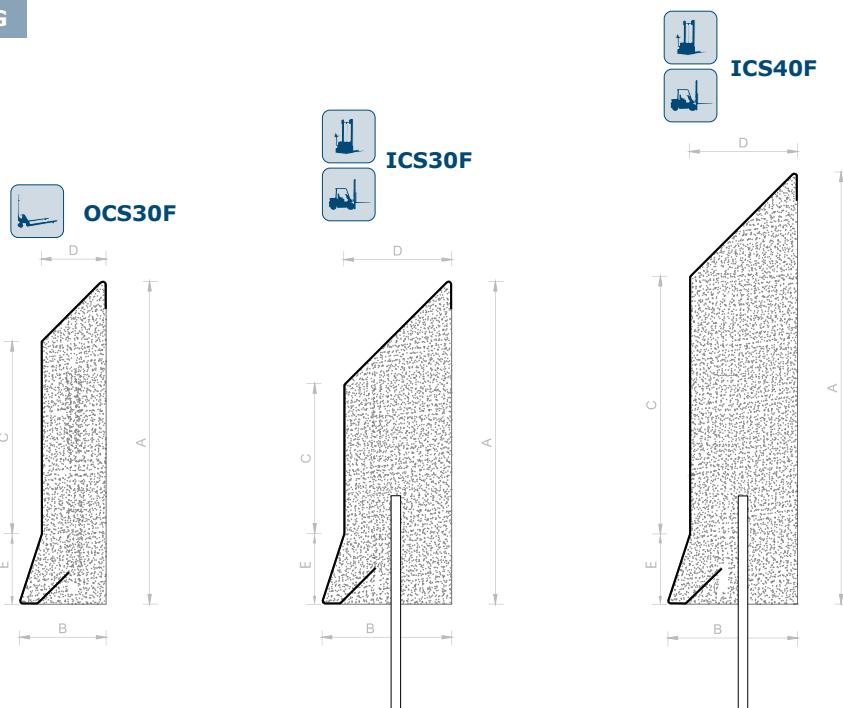


PolySto prefabricated **OP20Fi stainless steel** kerb with CleanRock core.



PREFAB STAINLESS STEEL CONCRETE KERBS

WITH COVED SKIRTING



	Impact class	Length	A	B	C	D	E	Weight / pc	# per pallet
OCS30F	3	1.500 mm	300 mm	73 mm	177 mm	60 mm	55 mm	57,8 kg	20 pc
ICS30F	4 or 5*	1.500 mm	300 mm	115 mm	137 mm	100 mm	55 mm	100 kg	12 pc
ICS40F	4 or 5*	1.500 mm	400 mm	115 mm	237 mm	100 mm	55 mm	124 kg	12 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.

HS-Code stainless steel kerbs 39 25 90 80

Additional options for Stainless steel kerbs

UITSP_ACHTER_KL	UITSP_ACHTER_GR
Additional rebate applied in the backside of the kerb to cover existing coved skirtings or other objects (available from impact level 3)	
ANC150	Chemical anchorage - 4 drillings / kerb - ø 10 mm - 150 mmL
ANC150	Chemical anchorage - 4 drillings / kerb - ø 10 mm - 200 mmL



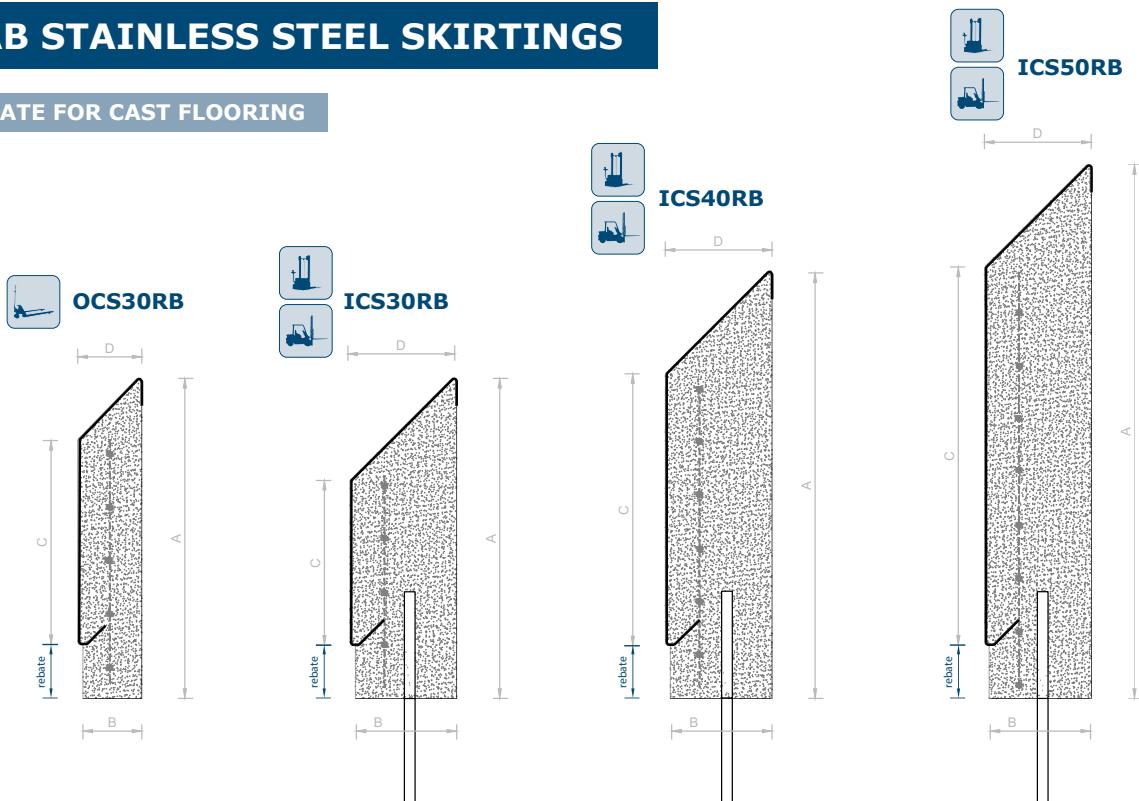
PolySto prefabricated ICS30F (left) and OCS30F (right) stainless steel kerb with concrete core installed on top of a concrete or cast floor.





PREFAB STAINLESS STEEL SKIRTINGS

WITH REBATE FOR CAST FLOORING



	Impact class	Length	Rebate	A	B	C	D	Weight / pc	# per pallet
OCS30RB	3	1.500 mm	5 x 50 mmH	300 mm	55 mm	192 mm	60 mm	55,5 kg	20 pc
ICS30RB	4 or 5*	1.500 mm	5 x 50 mmH	300 mm	95 mm	154 mm	100 mm	84 kg	12 pc
ICS40RB	4 or 5*	1.500 mm	5 x 50 mmH	400 mm	95 mm	253 mm	100 mm	123 kg	12 pc
ICS50RB	4 or 5*	1.500 mm	5 x 50 mmH	500 mm	95 mm	353 mm	100 mm	135 kg	10 pc

Internal corner (IN)			External corner (EX)			End piece left (EL) or right (ER)			
Length	Weight / pc	# per pallet	Length	Weight / pc	# per pallet	Length	Weight / pc	# per pallet	
OCS30RB	2 x 500 mm	37 kg	20 pc	2 x 450 mm	37 kg	20 pc	500 mm	18,5 kg	40 pc
ICS30RB	2 x 500 mm	56 kg	12 pc	2 x 450 mm	56 kg	12 pc	500 mm	28 kg	24 pc
ICS40RB	2 x 500 mm	82 kg	12 pc	2 x 450 mm	82 kg	12 pc	500 mm	41 kg	24 pc
ICS50RB	2 x 500 mm	90 kg	6 pc	2 x 450 mm	90 kg	6 pc	500 mm	45 kg	12 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.

HS-Code stainless steel kerbs

39 25 90 80

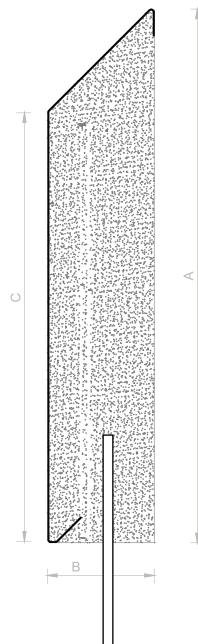
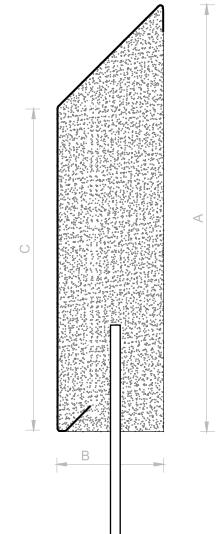
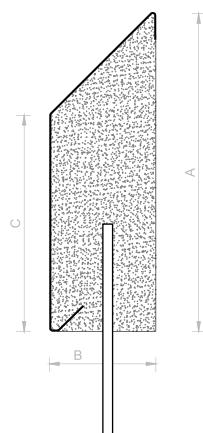


PolySto prefabricated **ICS40RB** stainless steel kerb with concrete core with a resin floor applied into the rebate.



PREFAB CLEANROCK KERBS

STRAIGHT FOR LOGISTIC AREAS & FREEZERS



	Impact class	Length	A	B	C	Weight / pc	# per pallet
ICS30R	4 or 5*	1.500 mm	300 mm	100 mm	192 mm	84 kg	12 pc
ICS40R	4 or 5*	1.500 mm	400 mm	100 mm	154 mm	124 kg	12 pc
ICS50R	4 or 5*	1.500 mm	500 mm	100 mm	253 mm	138 kg	10 pc

Internal corner (IN)		
Length	Weight / pc	# per pallet
2 x 500 mm	56 kg	12 pc
2 x 500 mm	84 kg	12 pc
2 x 500 mm	92 kg	6 pc

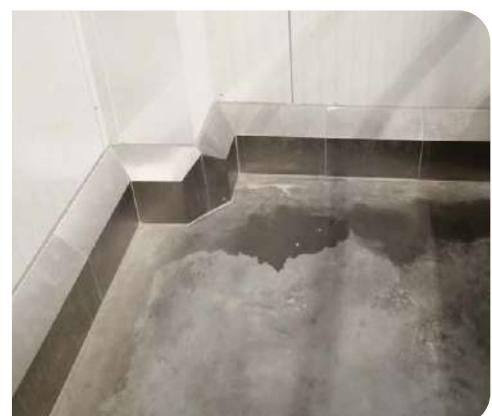
External corner (EX)		
Length	Weight / pc	# per pallet
2 x 450 mm	56 kg	12 pc
2 x 450 mm	84 kg	12 pc
2 x 450 mm	92 kg	6 pc

End piece left (EL) or right (ER)		
Length	Weight / pc	# per pallet
500 mm	28 kg	24 pc
500 mm	42 kg	24 pc
500 mm	46 kg	12 pc

* Impact class 5 can be reached when installing kerbs including chemical anchorage.
Straight elements of 1.500 mm need 4 drillings. Elements of 500 mm need 2 drillings per piece.

HS-Code stainless steel kerbs 39 25 90 80

Chemical anchorage is not possible in (shock) freezers!

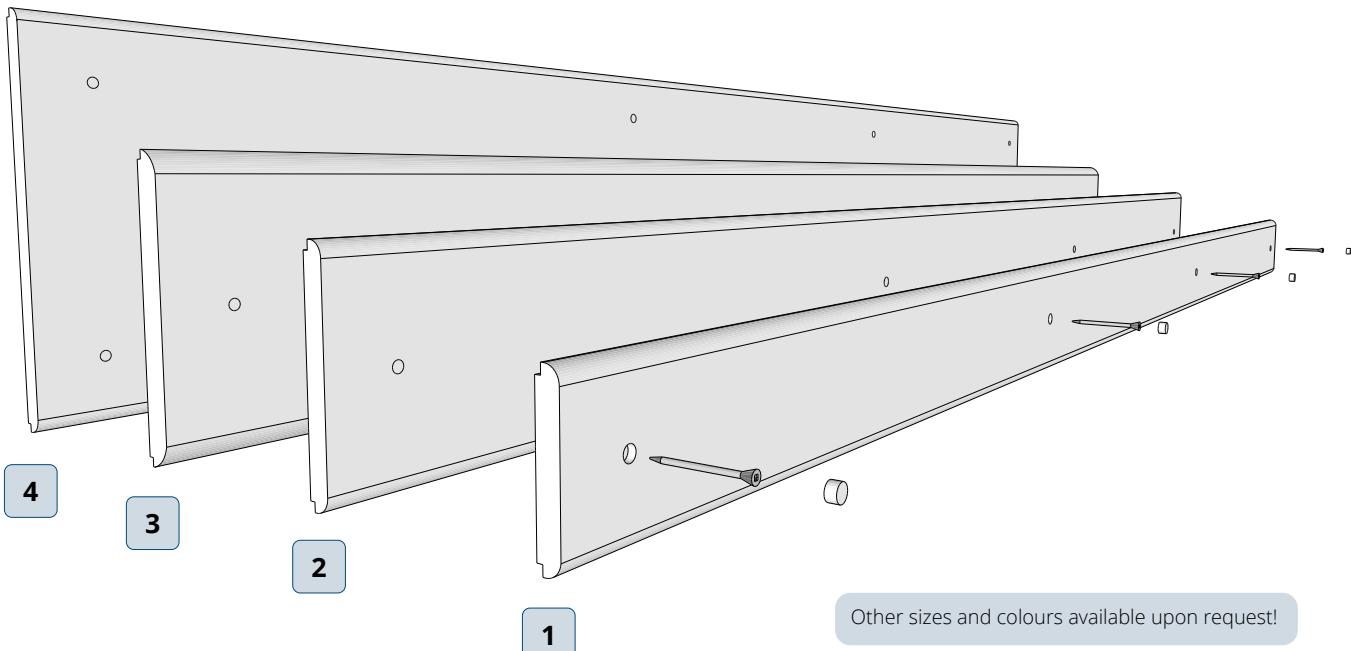


PolySto prefabricated ICS30R stainless steel kerb with concrete core.





POLYETHYLENE WALL PROTECTION



No.	Length	Height	Thickness	# drillings	Weight / pc	# per pallet
PE2000x100x15	2.000 mm	100 mm	15 mm	4 pc	2,88 kg	250 pc
PE2000x150x15	2.000 mm	150 mm	15 mm	4 pc	4,32 kg	150 pc
PE2000x200x20	2.000 mm	200 mm	20 mm	4 pc	7,68 kg	100 pc
PE2000x300x15	2.000 mm	300 mm	15 mm	8 pc	8,64 kg	75 pc

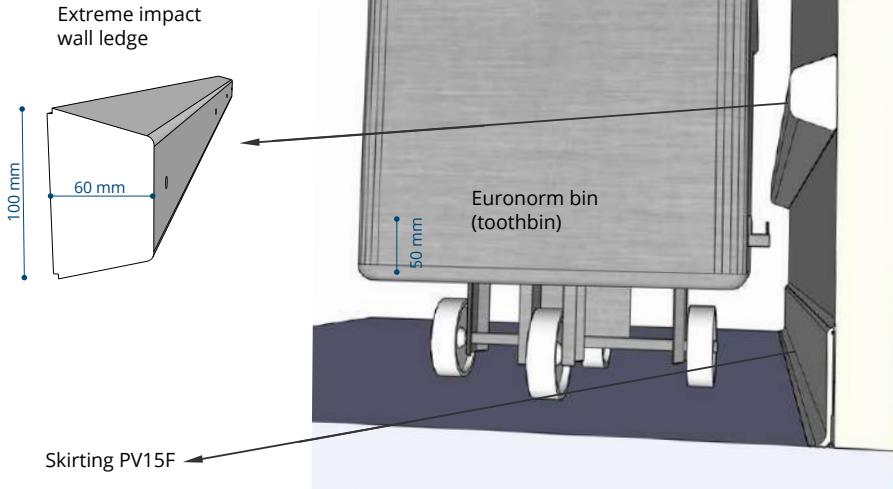
PE500	
Colour	standard Natural (white)
Temperature range	-100°C / +80°C
Density	0,96 g/cm³ (DIN EN ISO 1183-1)
PE strips are marked as „FoodClass“.	
HS-Code	39 26 90 97

Description	
PEDOPJES	10 mm cover cap for hidden screw fixation
PESCREW5X60	Stainless steel screw 5 x 60 mm, sold per 200 pc
PESCREW5X100	Stainless steel screw 5 x 100 mm, sold per 100 pc
PEPLUG	Plug for hollow wall application, sold per 100 pc

EXTREME IMPACT

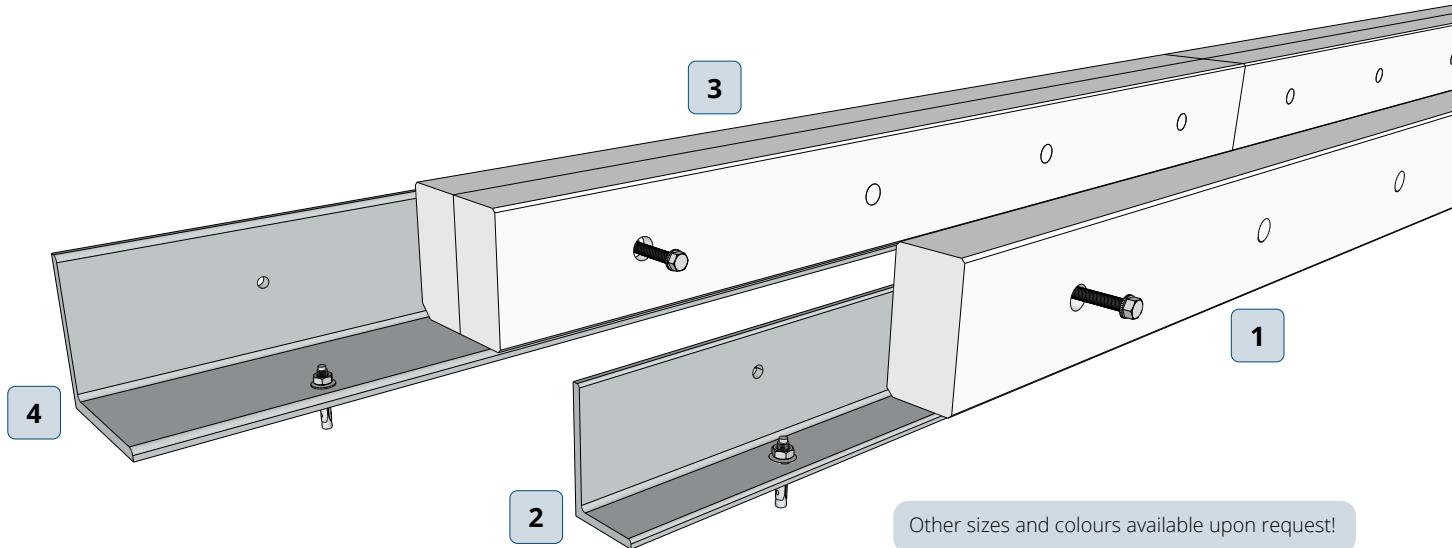
A polyethylene strip installed on the front side of the kerb or directly against the wall panel is the perfect **heavy impact protection** for areas with high internal traffic and constant impacts. In particular Euronorm bins with sharp edges.

Custom sizes available upon request!



POLYETHYLENE LOGISTIC KERBS

PolySto designed a very strong polyethylene wall protection to avoid heavy damages in busy warehousing environments. A galvanized L-profile is mounted on the construction floor using M16 anchors. A single (or double) PE500 kerb is installed on top of the galvanized L-profile and secured using hexagonal bolts every 50 cm.

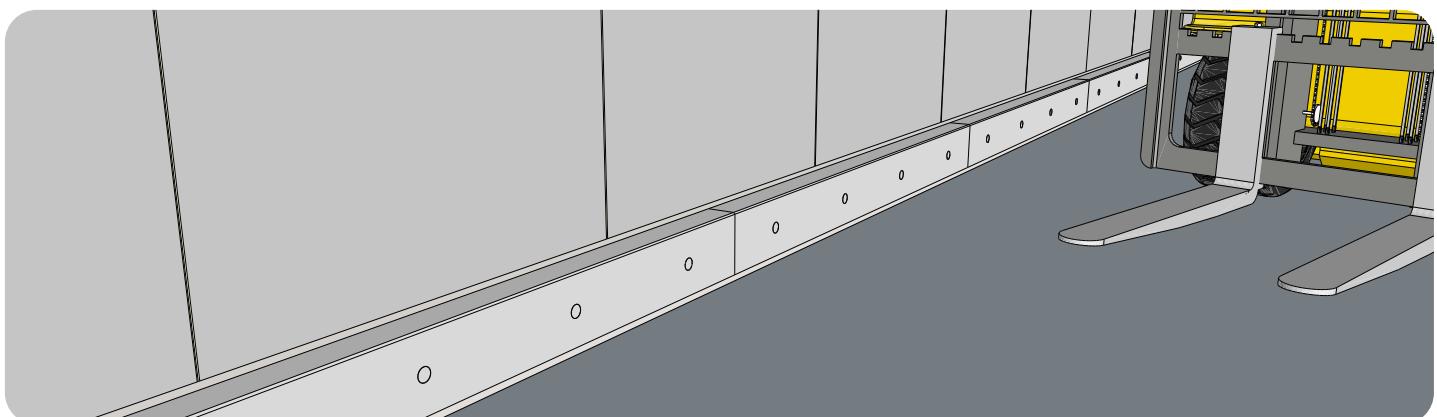
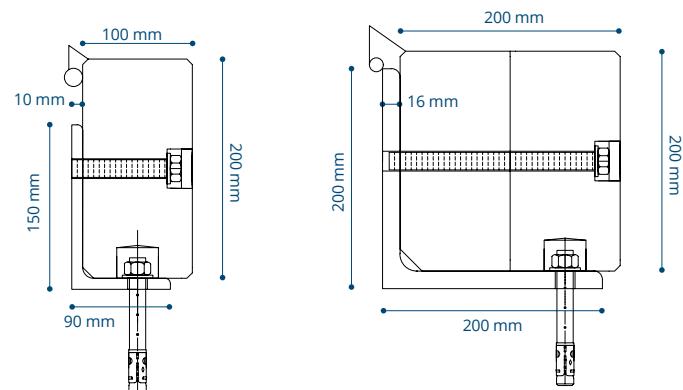


No.	Length	Height	Width	Thickness	# drillings	Weight / pc
PE2000x200x100	1	200 mm	-	100 mm	every 50 cm	2,88 kg
GALVA PROFILE 10	2	5.990 mm	150 mm	90 mm	every 50 cm	4,32 kg
PE2000x200x200	3	2.000 mm	200 mm	2 x 100 mm	every 50 cm	7,68 kg
GALVA PROFILE 16	4	5.990 mm	200 mm	16 mm	every 50 cm	8,64 kg

PE500	
Colour	standard Natural (white)
Temperature range	-100°C / +80°C
Density	0,96 g/cm³ (DIN EN ISO 1183-1)
HS-Code	39 26 90 97

This PE logistic kerb can not be applied in areas where hygiene and food safety standards are required.

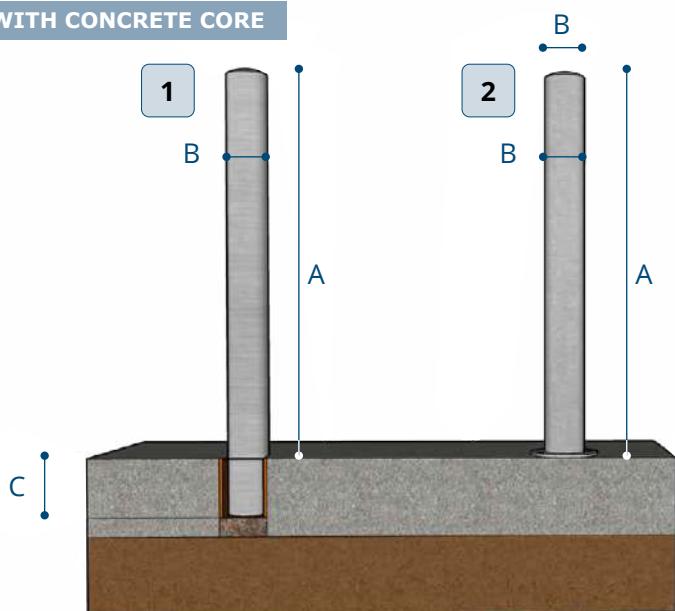
For hygienic wall protection please consult our **CleanRock range**.





STAINLESS STEEL BOLLARDS

WITH CONCRETE CORE



1 Stainless steel bollard for core drilling



	Impact class	A	B	C	# Chemfix	# HygiSeal	Weight / pc	# per pallet
P_89/750+150	3	750 mm	Ø 89 mm	150 mm	350 cc	45 cc	17,5 kg	30 pc
P_104/750+15	3	750 mm	Ø 104 mm	150 mm	410 cc	50 cc	21 kg	25 pc
P_204/750+150	5	750 mm	Ø 204 mm	150 mm	820 cc	100 cc	75 kg	7 pc
P_89/1000+150	3	1.000 mm	Ø 89 mm	150 mm	350 cc	45 cc	21,5 kg	30 pc
P_104/1000+150	3	1.000 mm	Ø 104 mm	150 mm	410 cc	50 cc	28 kg	25 pc
P_154/1000+150	4	1.000 mm	Ø 154 mm	150 mm	550 cc	75 cc	54 kg	12 pc
P_204/1000+150	5	1.000 mm	Ø 204 mm	150 mm	820 cc	100 cc	100 kg	7 pc

2 Stainless steel bollard with base plate (flange)

HS-Code stainless steel bollards 73 26 90 98

	Impact class	A	B	Ø base plate	# Chemfix	# HygiSeal	Weight / pc	# per pallet
P_89/750FL	2	750 mm	Ø 89 mm	Ø 160 mm	80 cc	45 cc	13 kg	25 pc
P_104/750FL	2	750 mm	Ø 104 mm	Ø 175 mm	80 cc	50 cc	17 kg	20 pc
P_204/750FL	4	750 mm	Ø 204 mm	Ø 275 mm	80 cc	100 cc	64 kg	9 pc
P_89/1000FL	2	1.000 mm	Ø 89 mm	Ø 160 mm	80 cc	45 cc	13 kg	25 pc
P_104/1000FL	2	1.000 mm	Ø 104 mm	Ø 175 mm	80 cc	50 cc	24 kg	25 pc
P_154/1000FL	3	1.000 mm	Ø 154 mm	Ø 225 mm	80 cc	75 cc	49 kg	6 pc
P_204/1000FL	4	1.000 mm	Ø 204 mm	Ø 275 mm	80 cc	100 cc	90 kg	6 pc

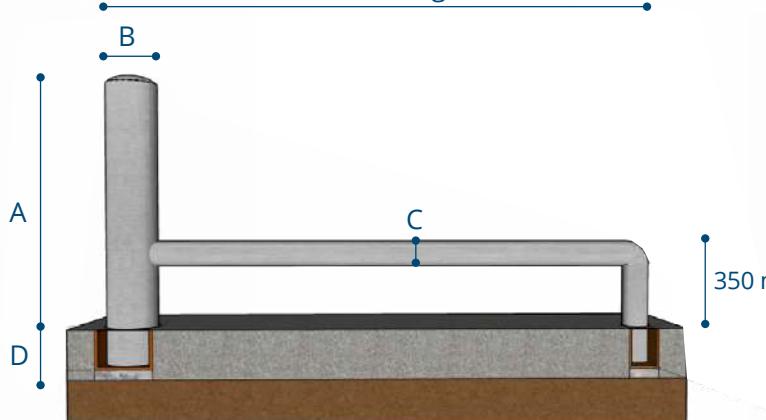


STAINLESS STEEL h-BARRIERS

WITH CONCRETE CORE

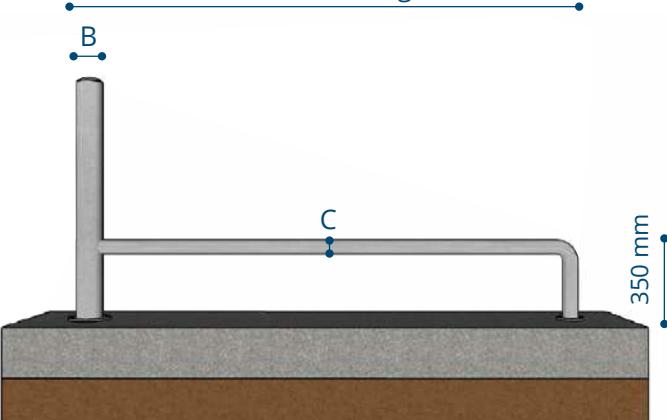
1

Variabel length



2

Variabel length



1 Stainless steel H-barrier for core drilling



	Impact class	A	B	C	D	# Chemfix	# HygiSeal
h_B_104/60/750+150	3	750 mm	Ø 104 mm	Ø 60 mm	150 mm	660 cc	80 cc
h_B_104/89/750+150	3	750 mm	Ø 104 mm	Ø 89 mm	150 mm	760 cc	95 cc
h_B_154/89/1000+150	4	1.000 mm	Ø 154 mm	Ø 89 mm	150 mm	900 cc	120 cc
h_B_154/104/1000+150	4	1.000 mm	Ø 154 mm	Ø 104 mm	150 mm	960 cc	125 cc
h_B_204/104/1000+150	5	1.000 mm	Ø 204 mm	Ø 104 mm	150 mm	1.230 cc	150 cc
h_B_204/154/1000+150	5	1.000 mm	Ø 204 mm	Ø 154 mm	150 mm	1.370 cc	175 cc

2 Stainless steel H-barrier with base plate (flange)

HS-Code stainless steel barriers 73 26 90 98

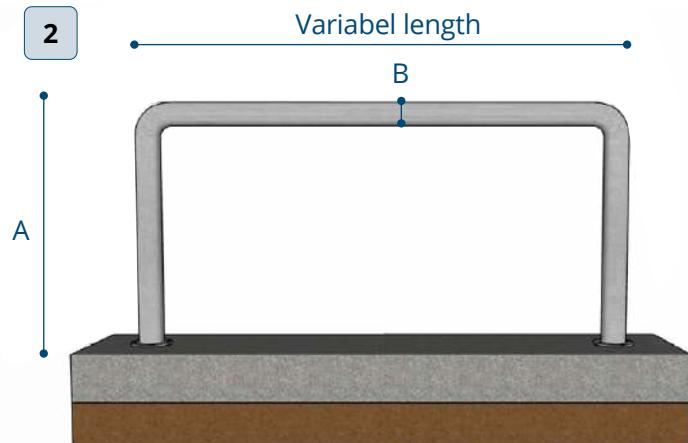
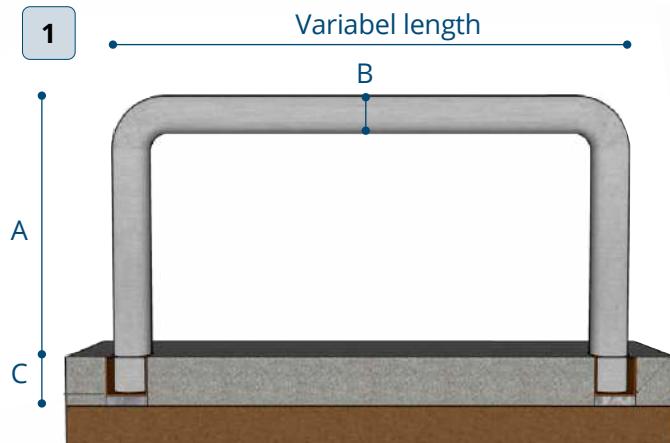
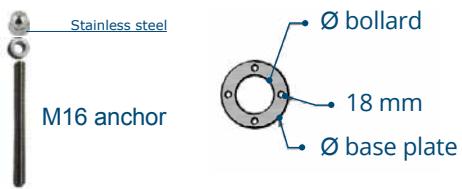
	Impact class	A	B	C	Ø base plate	# Chemfix	# HygiSeal
h_B_104/60/750FL	2	750 mm	Ø 104 mm	Ø 60 mm	Ø 160 mm	660 cc	80 cc
h_B_104/89/750FL	2	750 mm	Ø 104 mm	Ø 89 mm	Ø 175 mm	760 cc	95 cc
h_B_154/89/1000FL	3	1.000 mm	Ø 154 mm	Ø 89 mm	Ø 225 mm	900 cc	120 cc
h_B_154/104/1000FL	3	1.000 mm	Ø 154 mm	Ø 104 mm	Ø 225 mm	960 cc	125 cc
h_B_204/104/1000FL	4	1.000 mm	Ø 204 mm	Ø 104 mm	Ø 275 mm	1.230 cc	150 cc
h_B_204/154/1000FL	4	1.000 mm	Ø 204 mm	Ø 154 mm	Ø 275 mm	1.370 cc	175 cc





STAINLESS STEEL U-BARRIER

WITH CONCRETE CORE



1 Stainless steel U-barrier for core drilling



Impact class	A	B	C	# Chemfix	# HygiSeal
U_B_60/750+150	2	750 mm	Ø 60 mm	150 mm	500 cc
U_B_89/750+150	3	750 mm	Ø 89 mm	150 mm	700 cc
U_B_104/750+150	3	750 mm	Ø 104 mm	150 mm	820 cc
U_B_154/750+150	4	750 mm	Ø 154 mm	150 mm	1.100 cc
U_B_204/750+150	5	750 mm	Ø 204 mm	150 mm	1.640 cc
U_B_60/1000+150	2	1.000 mm	Ø 60 mm	150 mm	500 cc
U_B_89/1000+150	3	1.000 mm	Ø 89 mm	150 mm	700 cc
U_B_104/1000+150	3	1.000 mm	Ø 104 mm	150 mm	820 cc
U_B_154/1000+150	4	1.000 mm	Ø 154 mm	150 mm	1.100 cc
U_B_204/1000+150	5	1.000 mm	Ø 204 mm	150 mm	1.640 cc

2 Stainless steel U-barrier with base plate (flange)

HS-Code stainless steel bollards 73 26 90 98

Impact class	A	B	Ø base plate	# Chemfix	# HygiSeal
U_B_60/750FL	2	750 mm	Ø 60 mm	Ø 131 mm	160 cc
U_B_89/750FL	2	750 mm	Ø 89 mm	Ø 160 mm	160 cc
U_B_104/750FL	2	750 mm	Ø 104 mm	Ø 175 mm	160 cc
U_B_154/750FL	3	750 mm	Ø 154 mm	Ø 225 mm	160 cc
U_B_204/750FL	4	750 mm	Ø 204 mm	Ø 275 mm	160 cc
U_B_60/1000FL	2	1.000 mm	Ø 60 mm	Ø 131 mm	160 cc
U_B_89/1000FL	2	1.000 mm	Ø 89 mm	Ø 160 mm	160 cc
U_B_104/1000FL	2	1.000 mm	Ø 104 mm	Ø 175 mm	160 cc
U_B_154/1000FL	3	1.000 mm	Ø 154 mm	Ø 225 mm	160 cc
U_B_204/1000FL	4	1.000 mm	Ø 204 mm	Ø 275 mm	160 cc

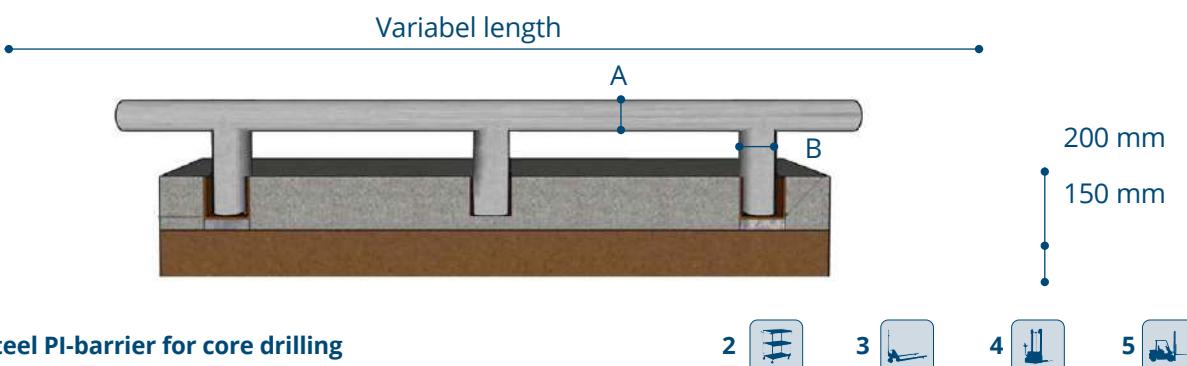
The U-barrier is also available with additional intermediate tube. Length and height variabel on request.

Article code = DU_B_...



STAINLESS STEEL PI-BARRIER

WITH CONCRETE CORE



Stainless steel Pi-barrier for core drilling

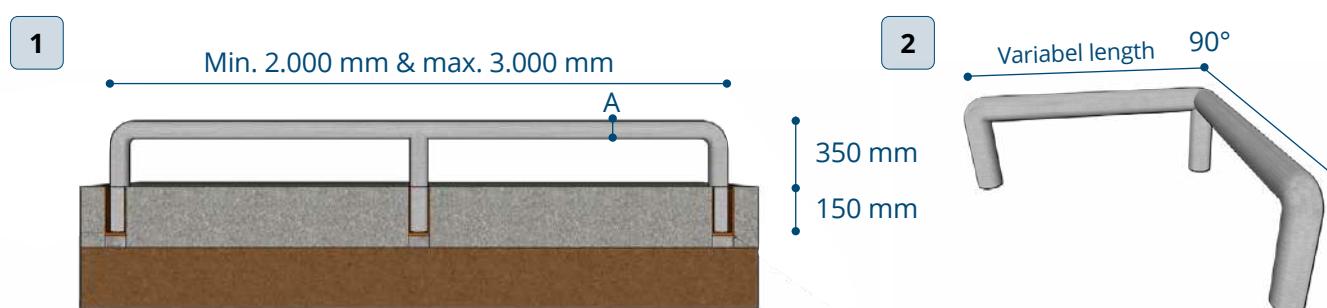


	Impact class	Length	# foot	A	B	# Chemfix	# HygiSeal
PI_B_89/60/200+150	3	<2.200 mm	2	Ø 89 mm	Ø 60 mm	500 cc	60 cc
PI_B_104/89/200+150	3	<2.200 mm	2	Ø 104 mm	Ø 89 mm	700 cc	90 cc
PI_B_89/60/200+150 3P	3	>2.200 < 3.000 mm	3	Ø 89 mm	Ø 60 mm	750 cc	90 cc
PI_B_104/89/200+150 3P	3	>2.200 < 3.000 mm	3	Ø 104 mm	Ø 89 mm	1.050 cc	135 cc

HS-Code stainless steel bollards 73 26 90 98

STAINLESS STEEL CUSTOM SIZED-BARRIER

WITH CONCRETE CORE



1 Stainless steel Custom sized-barrier for core drilling

	Impact class	Height	A	# Chemfix	# HygiSeal
TU_B_60/350+150	2	350 + 150 mm	Ø 60 mm	750 cc	90 cc
TU_B_89/350+150	3	350 + 150 mm	Ø 89 mm	1.050 cc	135 cc
TU_B_104/350+150	4	350 + 150 mm	Ø 104 mm	1.230 cc	150 cc

2 Stainless steel Custom sized corner-barrier for core drilling

	Impact class	Height	A	# Chemfix	# HygiSeal
LU_B_60/350+150	2	350 + 150 mm	Ø 60 mm	750 cc	90 cc
LU_B_89/350+150	3	350 + 150 mm	Ø 89 mm	1.050 cc	135 cc
LU_B_104/350+150	4	350 + 150 mm	Ø 104 mm	1.230 cc	150 cc

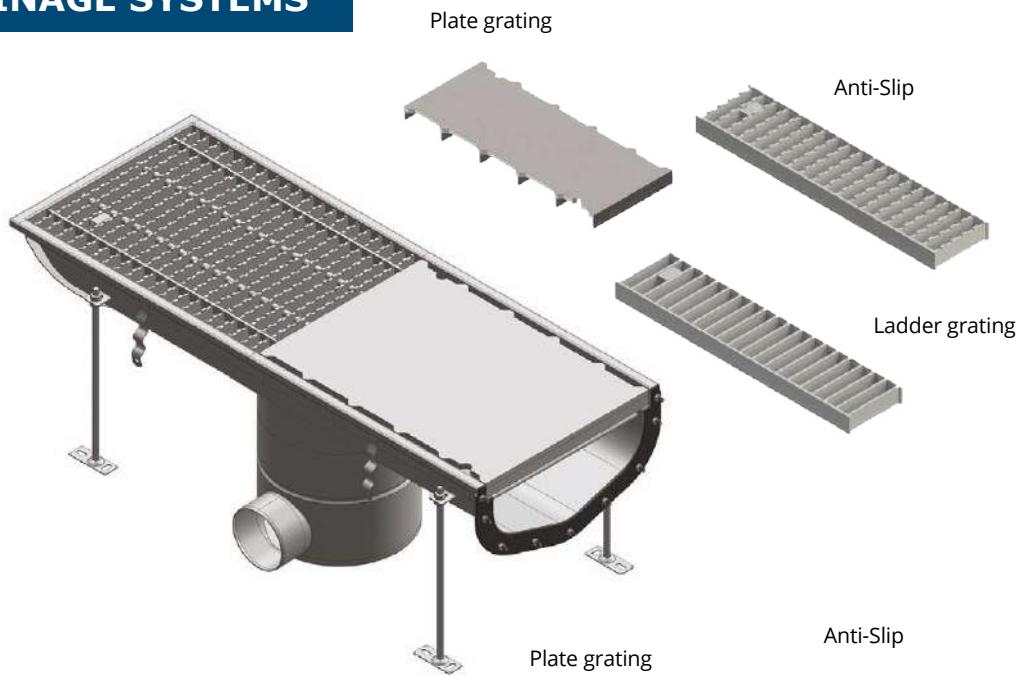


STAINLESS STEEL DRAINAGE SYSTEMS

Linear drainage

Round channels

- Fast transfer of fluids to the outlet
- Reduction of bacteria accumulation
- Ecology & efficiency
- Stainless steel AISI304/316 / 2 mm thickness
- Reinforced edges
- Different gratings available
- Load class M 125 kN



Point drainage

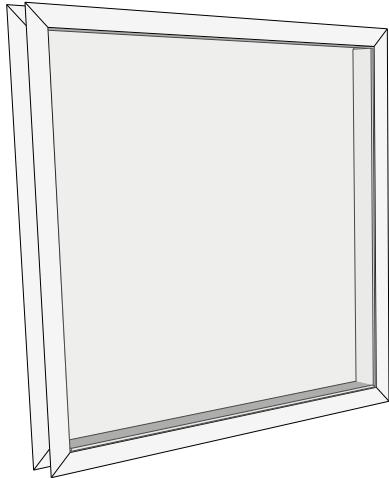
Point floor drains

- Highest hygienic design
- Different grates available depending on application
- Easy installation
- Hygienic trap design
- Easy and effective cleaning
- Waste basket/sediment
- Stainless steel AISI304/316 / 2 mm thickness



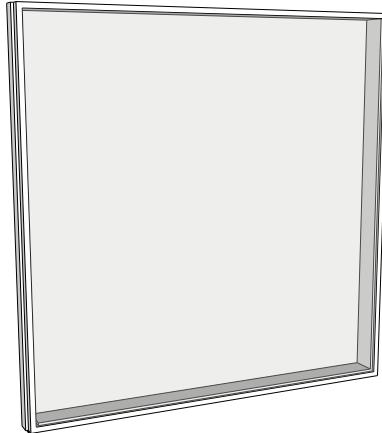
HYGICRYSTAL

Clips windows



- ✓ Easy installation
- ✓ Clipped on 1 side
- ✓ Custom made
- ✓ Extruded aluminium
(Option stainless steel)
- ✓ Standard profile
 - 36 mm
 - 40 mm
 - 60 mm
 - 80 mm
 - 100 mm

Flush windows



- ✓ Easy installation
- ✓ Special designed frame
- ✓ Custom made
- ✓ Extruded aluminium
(Option stainless steel)
- ✓ Standard profile
 - 40 mm
 - 60 mm
 - 80 mm



Scan for more information about HygiCrystal



HYGIDOOR

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

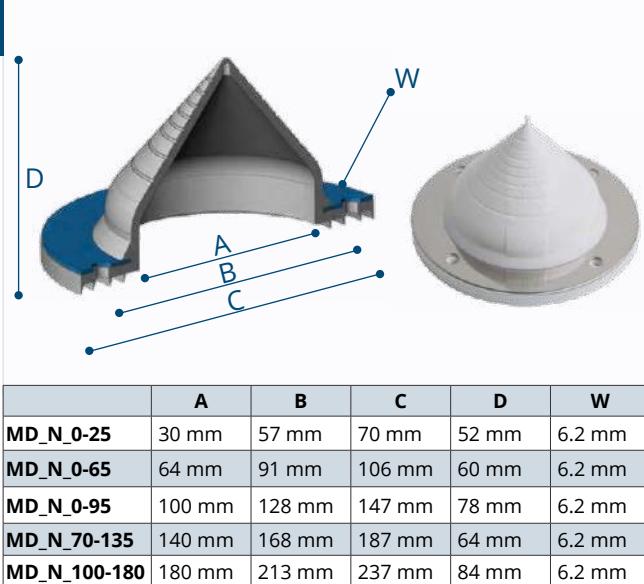


HYGIENIC WALL BOOTS

Pipe connections through walls are often insufficiently finished and sealed resulting in a higher risk of bacterial contamination.

Our hygienic wall boots are self-sealing and, in contrast to steel or plastic rosettes, completely flexible. They stay in place and remain permanently sealed, despite pipe vibrations and movements.

The wall boots consist of a silicone based casing and stainless steel baseplate (316).

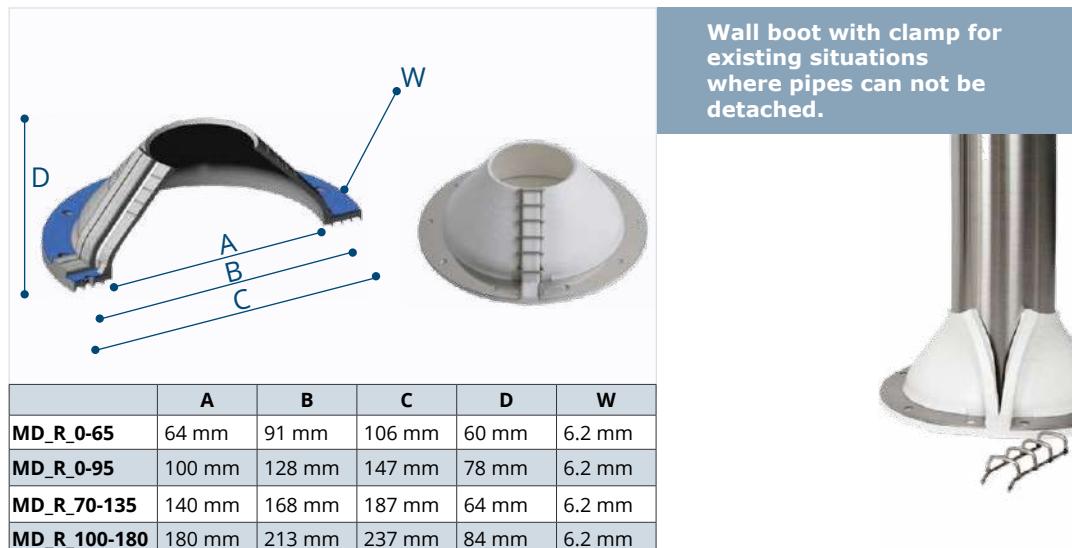


Standard for new installations or demountable pipes



HS-Code wall boots

40 16 93 00



Wall boot with clamp for existing situations where pipes can not be detached.



FRP SHEETS AND PANELS - INSTALLATION EQUIPMENT



PRS	
Rubber pressure roller	
Adjustable from 17" to 27"	
Weight	1,2 kg
HS-Code	96 03 40 90
Suitable for	FRP sheets and panels



PRS	
Rubber pressure roller	
Adjustable from 36" to 68"	
Weight	1,86 kg
HS-Code	96 03 40 90
Suitable for	FRP sheets and panels



SDS_3,5*16	
Self-drilling screws	
Package	200 pc / box
Weight	0,2 kg
HS-Code	73 18 14 99
Suitable for	Installation of full PVC round coving



HFGP	
Primer for Hard Fix Glue	
Package	Bottle of 1 L
Weight	1,42 kg
HS-Code	29 15 31 00
Suitable for	Improves adhesion of hybrid sealants on several surfaces



NP30	
Nylon plug for quick fastening of FRP sheets in concrete, brick stone, sandwich panels and other materials.	
Package	500pc / box
Length	30 mm
Weight	0,52 kg
HS-Code	73 18 19 00



NP40	
Nylon plug quick fastening of RenoPanel and RenoCemPanel in concrete, brick stone, sandwich panels and other materials.	
Package	400pc / box
Length	40 mm
Weight	0,52 kg
HS-Code	73 18 19 00



NP50	
Nylon plug for quick fastening of InsuPanel (max 30 mm thickness) in concrete, brick stone, sandwich panels and other materials.	
Package	300pc / box
Length	50 mm
Weight	0,52 kg
HS-Code	73 18 19 00



ACHS	
Cutting blade for RenoCem panels	
Article	Diameter
ACHS_DIA160_1	Ø 160 mm
ACHS_DIA190_1	Ø 190 mm
ACHS_DIA225_1	Ø 225 mm
ACHS_DIA300_1	Ø 300 mm
HS-Code	82 02 99 20

OTHER INSTALLATION EQUIPMENT



COMPR	
Air compressor	
Motor	230V - 2,5PK
Output	360L/min - 25L
Weight	15 kg
HS-Code	84 14 40 10
Suitable for	Pneumatic caulking guns



Laser	
Alignment laser	
Weight	1,2 kg
HS-Code	90 13 20 00
Suitable for	FRP sheets and panels, kerbs and PE wall ledges

MAINTENANCE & REPAIR



HYGICLEAN1	
Cleaner for organic soiling	
Base	Cleaning agent, alcohol, additives, fragrance and demineralised water
Package	Bottle of 1 L + dispensing system
Weight	1,1 kg
HS-Code	34 02 90 10
Suitable for	FRP sheets and panels, kerbs and skirtings



DEGREASER	
Degreaser for removal of dust, adhesive residues and other markings	
Base	Mixed aliphatic hydrocarbons
Package	Bottle of 1 L
Weight	1 kg
HS-Code	34 02 90 10
Suitable for	See TDS



STAINLESS STEEL CLEANER	
Stainless steel cleaner	
Package	Bottle of 500 ml
Weight	1 kg
HS-Code	29 15 31 00
Suitable for	Stainless steel kerbs, profiles and bollards and barriers



HYGIGUM	
Cleaning sponge to remove soiling from hard surfaces	
Base	Compressed melamine
Package	10 pc / package
Weight	0,08 kg
HS-Code	39 24 90 00
Suitable for	FRP sheets and panels, kerbs and skirtings



REP__SANICOAT_1kg	
Repair kit for Sanicoat kerbs	
Base	2-component kit containing gelcoat resin with hardener
Package	Bottle of 1 kg
Weight	1,06 kg
HS-Code	39 07 91 10
Suitable for	Sanicoat kerbs



REP__NATURAL_1kg	
Repair kit for Natural kerbs	
Base	2-component kit containing CleanRock resin with hardener
Package	Bottle of 1 kg
Weight	1,06 kg
HS-Code	39 07 91 10
Suitable for	Natural kerbs

PERSONAL PROTECTIVE EQUIPMENT



MASK	
FFP3 mask against dust particles arising upon cutting FRP or CleanRock kerbs	
Package	5 pc / box
Weight	0,9kg
HS-Code	63 07 90 95



SAFETY SET	
Set of safety gloves, safety glasses and hearing protection	
Weight	1,5 kg
HS-Code	40 15 90 30

Distributed by



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Amtsgericht Düsseldorf HRB 64644
Geschäftsführer: Wolfgang Honerkamp
St.-Nr. 135/5734/1842

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