

# Solid Floors Hygienic Solutions





## Products

- Industrial Anti-Acid Porcelain Tiles
- Stainless Steel Tiles
- Epoxy Based Tile Adhesives, Grouting and Fixing Mortars
- Hygienic Baseboard Panel Protectors
- Hygienic Border Panel Protectors
- Hygienic Safety Posts
- Stainless Steel Detail Profiles
- Work Safety Directional Signs
- Stainless Steel Drain Systems

## Services

- Industrial Floor Projecting and application with Anti-Acid Tiles using Vibration Method
- Hygienic Panel Protector Projecting and it's application
- Stainless Steel Drain Systems Projecting and it's application

## Industries

### Food Industries

- Dairy Products
- Slaughterhouse and Meat Processing
- Fish Processing and Markets
- Bakeries
- Industrial Kitchening and Catering
- Vegetable oil and Animal Fat Production Plants

### İçecek Sanayi

### Avm Ve Süpermarketler

### Sağlık

- Hastaneler
- Laboratuvarlar
- İlaç Fabrikaları
- İlaç Depoları

### Textile and Leather Industries

### Chemical Industry

### Cosmetic Industry

### Transportation Sector

- Airports
- Bus Terminals
- Subway Stations

### Automotive Industry

- Automotive Manufacturing Plants
- Automotive Maintenance Service
- Automotive Showrooms
- Spare Parts Manufacturing Plants

### Tourism Industry

### Power Plants

### Petrochemical Industry



## About Us

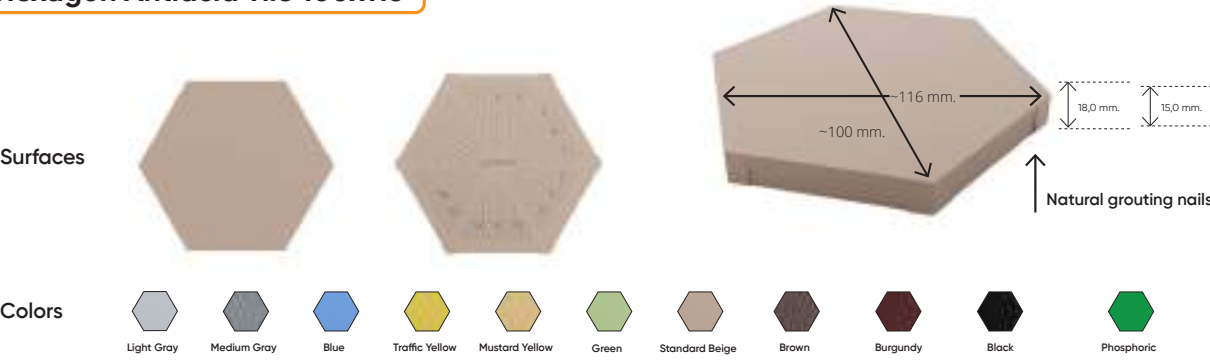
Vibroser continues its journey in the field of industrial flooring, which started in 1986, as a reliable solution partner of businesses with the requirements of the modern age and developing technology. Vibroser makes chemical-resistant, anti-acid and hygienic floor applications in many sectors such as food, beverage, storage, sales, automotive, textile, chemistry, cosmetics, health sectors and shopping centers. Vibroser's proprietary and patented Hygienic Wall Protection Products offer antimicrobial, hygienic environments and solutions that minimize the formation of bacteria on walls and panel bottoms in facilities and protect against corrosion and impacts. Vibroser operates worldwide and contributes to industries.

[Watch Our Introduction Video](#)



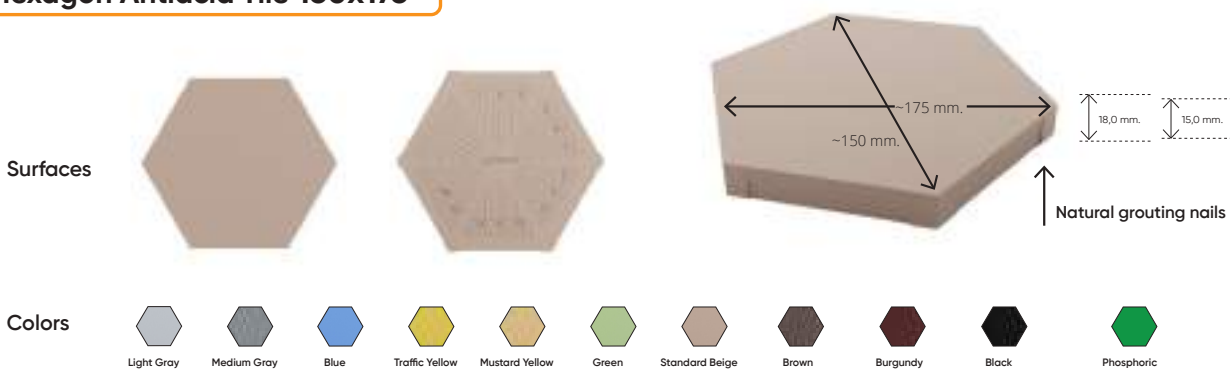
# Antiacid Tile

## Hexagon Antiacid Tile 100x116



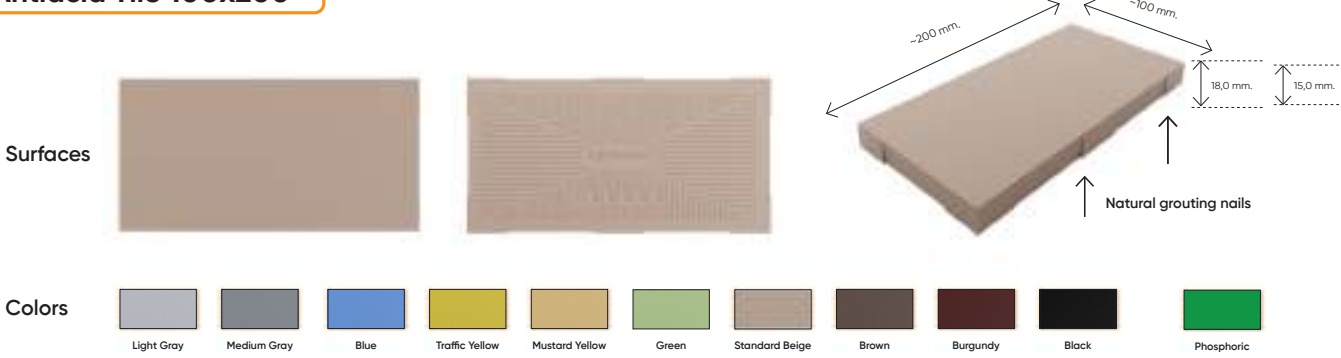
**Description** They are produced in hexagonal form, 100x116 mm. dimensions and 15.0 and 18.0 mm. thicknesses, with W6 adherence channels on the back to increase adhesion strength, tapered edges and natural grouting nails, surface slip resistance classes R9, R10, R11 and R12. They are non-porous products with low water absorption values, easy to clean, resistant to acids and chemicals and do not produce bacteria. Hexagonal tiles are even more resistant to impacts and heavy loads due to their size and form.

## Hexagon Antiacid Tile 150x175



**Description** They are produced in hexagonal form, 150x175 mm. dimensions and 15.0 and 18.0 mm. thicknesses, with W6 adherence channels on the back to increase adhesion strength, tapered edges and natural grouting nails, surface slip resistance classes R9, R10, R11 and R12. They are non-porous products with low water absorption values, easy to clean, resistant to acids and chemicals and do not produce bacteria. Hexagonal tiles are even more resistant to impacts and heavy loads due to their size and form.

## Antiacid Tile 100x200



**Description** Anti-acid Industrial Tile products in 100x200 mm. dimensions and 15.0 and 18.0 mm. thickness. Produced with W4 adherence channel and conical back to increase adhesion strength, surface slip resistance in R9, R10, R11 and R12 classes. They are non-porous products with low water absorption values, easy to clean, resistant to acids, chemicals and do not produce bacteria.

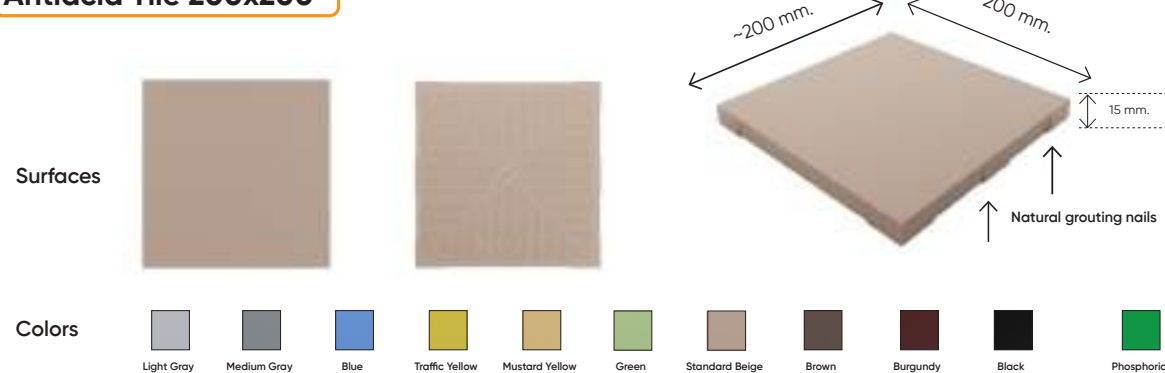
# Antiacid Tile

## Interlocking Antiacid Tile 100x150



**Description** They are produced in hexagonal form, 100x150 mm. dimensions and 15.0 mm. thicknesses, with W6 adherence channels on the back to increase adhesion strength, tapered edges and natural grouting nails, surface slip resistance classes R9, R10, R11 and R12. They are non-porous products with low water absorption values, easy to clean, resistant to acids and chemicals and do not produce bacteria. Hexagonal tiles are even more resistant to impacts and heavy loads due to their size and form.

## Antiacid Tile 200x200





















**Description** 200x200 mm. dimensions and 15.0 mm. thicknesses, with W6 adherence channels on the back to increase adhesion strength, tapered edges and natural grouting nails, surface slip resistance classes R9, R10, R11 and R12. They are non-porous products with low water absorption values, easy to clean, resistant to acids and chemicals and do not produce bacteria.

## Interlocking Antiacid Tile 150x200



**Description** They are produced in hexagonal form, 150x200 mm. dimensions and 15.0 mm. thicknesses, with W6 adherence channels on the back to increase adhesion strength, tapered edges and natural grouting nails, surface slip resistance classes R9, R10, R11 and R12. They are non-porous products with low water absorption values, easy to clean, resistant to acids and chemicals and do not produce bacteria. Hexagonal tiles are even more resistant to impacts and heavy loads due to their size and form.








W6 ANTI - ACID PORCELAIN TILES ( Hexagonal 10x20, 20x20 )					
EN 14411 (ISO 13006) Annex G (normative) Dry-pressed ceramic tiles with low water absorption E ≤ 0,5 % Group Bla GL Thickness: 15.0 mm. - 18.0 mm.					
HEXAGONAL/ 100X116 PORCELAIN TILES					
SYMBOLS	NORMS	TECHNICAL CHARACTERISTICS		REQUIRED VALUES	DECLARED VALUES Avarage values of production
	ISO 10545-2	Dimensions and surface quality	Length and Width	7≤N<15   ± 0,9 mm.	± 0,4 mm.
			Thickness	7≤N<15   ± 0,5 mm.	± 0,3 mm.
			Surface Quality	A minimum of 95 % surface of the tile shall be free from visible defect that would impair the appearence of a major area of tiles.	No any visible defect of 95% on surface of the tile
	ISO 10545-3	Water absorption		E≤ 0.5% , (individual max.) %0,6	max % 0,05
	ISO 10545-4	Breaking Strength (Newton)	Thickness ≥ 7.5mm.	S ≥ 1300 N	3500
		Modulus of rupture (N/mm²)		R ≥35 N / mm²	45
	ISO 10545-5	Impact resistance by measurement of coefficient of restitution		Manufacturer to state classification	0.87
	ISO 10545-7	Resistance to Surface abrasion_Intended for use on floors		Reported abrasion class and cycles	Class:3, Cycle: 750
	ISO 10545-8	Determination of linear thermal expansion		Manufacturer to state classification	5,95 x 10-6 °C
	ISO 10545-9	Resistance to thermal shock		Required	Resistant
	ISO 10545-10	Moisture expansion, in mm. / m.		Manufacturer to state classification	0.1
	ISO 10545-11	Crack resistant		Required	Resistant
	ISO 10545-12	Frost resistance		Required	Resistant
 	ISO 10545-13	Resistance to low concentrations of acids and alkalis		Manufacturer to state classification	LA
		Resistance to high concentrations of acids and alkalis		Test method available	HA
		Resistance to household chemicals and swimming pool salts		Min. Sınıf B	A
	ISO 10545-14	Resistance to stains		Min. 3	5
	ISO 10545-15	Lead and cadmium given off by tiles		Manufacturer to state classification (mg/dm²)	Pb <0,1 Cd<0,01
	ISO 10545-16	Minor color differences		Glazed ΔE ≤ 0,75	ΔE ≤ 0,75
	EN 101	Surface hardness Mohs		Test method available	9
	CEN/TS 16165 DIN 51130	Skid resistant		Test method available	R=10
	DIN 51094	Color resistance to light		Not any noticable color change	Resistant

NOTES  
RECOMMENDS A JOINT OF MIN. 3 mm. FOR OPTIMAL INSTALLATION RESULTS.

THE TEST RESULTS REFER ONLY TO FIRST CHOICE ITEMS AND THEY DO NOT REGARD THE TRIMTILES. THE VALUES ARE BASED ON AVERAGE PRODUCTION VALUES.  
SERIES, ARE PRODUCING BY SERANIT SERAMIK FOR VIBROSER. VIBROSER SERAMIK RESERVE THE RIGHT TO MODIFY TECHNICAL AND FORMAL DETAILS OF PRODUCTS.

Anti-Slip Safety Values

Anti-Slip Values	Tilt Angle	
R 9>	6°-10°	
R 10	>10°-19°	
R 11	>19°-27°	
R 12	>27°-35°	
R 13	>35°	





## 20x20 Wall Tile

Matte glazed porcelain Wall tile in 20x20 cm. sizes and 7-8 mm. thickness. These products are easy-to-clean, It can be applied in various places, including interior walls of facilities, kitchens, dressing rooms, WC's and bathrooms.

**Size: 200x200 mm.**



Matt Ice Green  
200x200 mm.  
Product Code: FVSMBY2002007-5



Matt Light Grey  
200x200 mm.  
Product Code: FVSMAG2002007-5



Matt Beiege  
200x200 mm.  
Product Code: FVSMBE2002007-5

## Stainless Steel Profiles

**Product Code: PRFSS450-CFTPGP**



**Product Code: PRFSS450-PGP000**



The drain frames, expansion joints profiles, channel and edge protect profiles are produced with AISI 304 or AISI 316 class stainless steel materials. These profiles can be produced in standards or in according to your project.

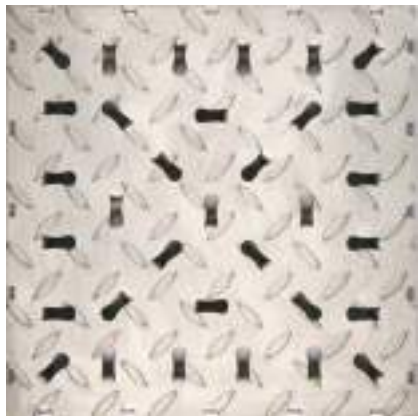
For more information; [vibroser.com](http://vibroser.com)

**Product Code: PRFSS450-CCV3OP**

**Product Code: PRFSS450-CCVALG**



## Stainless Steel Tile



**Product Code: KPK300-03003003**

Non-Skid Surface Stainless Steel Tile AISI 304 L  
300x300x3-4 mm



**Product Code: KPK150-03001503**

Non-Skid Surface Stainless Steel Tile AISI 304 L  
300x150x3-4 mm.



**Product Code: DPK300-03003003**

Smooth Surface Stainless Steel Tile AISI 304 L  
300x300x3 mm.



**Product Code: DPK150-03001503**

Smooth Surface Stainless Steel Tile 304 L  
300x150x3 mm.

These AISI 304 or AISI 316 class stainless steel products are used in cold/hot room transition, corridors that are affected by temperature differences, and at joints of products with different types, mainly building dilatations, loading and elevator doorsteps with intense and heavy load traffic and ramps. It produced with slip resistant surface and flat surface options.





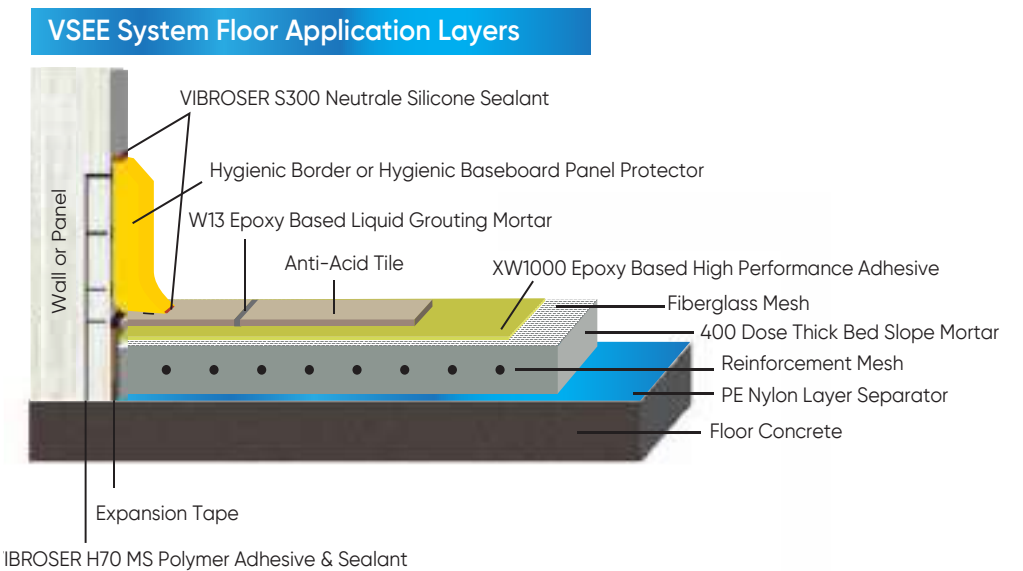
# Vibrational Floor Application Systems

## The VSEE Vibration System with epoxy based adhesive "XW1000" and liquid epoxy based grouting mortar "W13";

(-40° - +70°) The VSEE system is globally accepted floor tile application system; mainly in food facilities in all developed countries and known as the vibrational method, too. The system uses: epoxy-based adhesive which in turn has a much higher bonding force and is the best among the analogues; liquid grouting for filling joints based on epoxy for hardware application.

The VSEE system contents, are specially developed for vibration application method, with much higher bonding force than its counterparts, the "XW1000" is the epoxy-based adhesive which it has CE certificate and "W13" epoxy-based liquid grouting mortar which it is applied with machine system. VSEE is an indispensable solution for facilities that requires high mechanical strength. Time-saving system that solves the robust and long-lasting floor needs of acidic and caustic environments in hot and cold warehouses of all kinds of meat, milk, fish, beverages and bakery processing areas. Saves time due to the application of 400 doses of thick bed slope mortar and tiles in the same day.

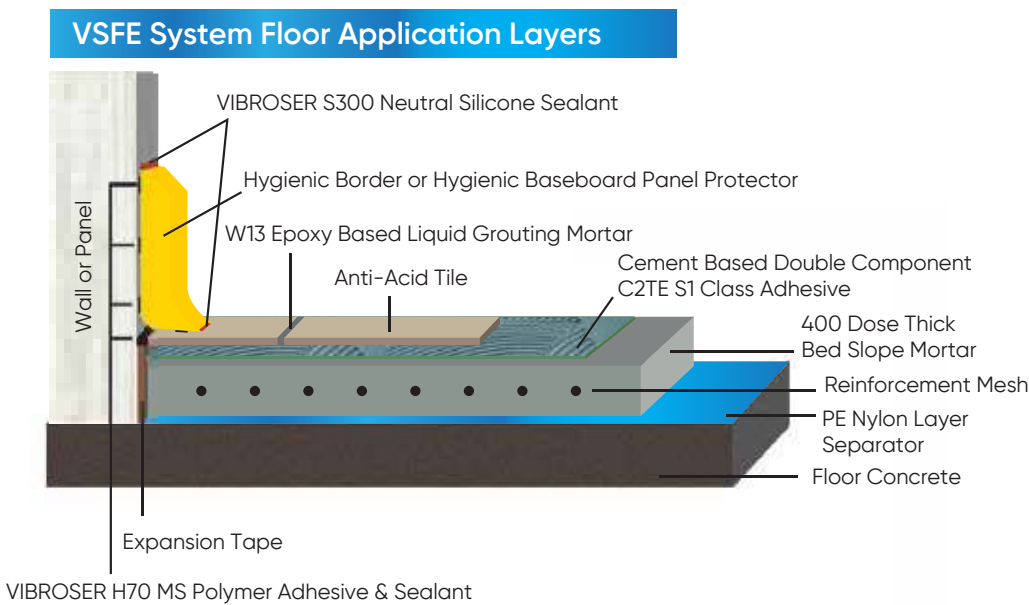
It is an affordable and guaranteed solution with the minimum maintenance cost in the long- term perspective.



## The VSFE Vibration system with flex adhesive and liquid epoxy based grouting mortar "W13"

(-5° - +50°) An application with high bonding force, double component, cement based C2TE S1 class flex adhesive and liquid grouting for filling joints based on epoxy "W13" for hardware application. "W13" epoxy-based liquid grouting mortar which is applied with machine system. Especially suitable for industrial facilities that needs medium-low chemical resistance and medium-low mechanical strength. Time-saving system that solves the robust and long-lasting floor needs except acidic and caustic environments in hot and cold rooms of all kinds of meat, milk, fish, beverages and bakery processing. Saves time due to the application of 400 doses of thick bed slope mortar and ceramic tiles in the same day.

It is an affordable and alternative solution with the low maintenance cost.

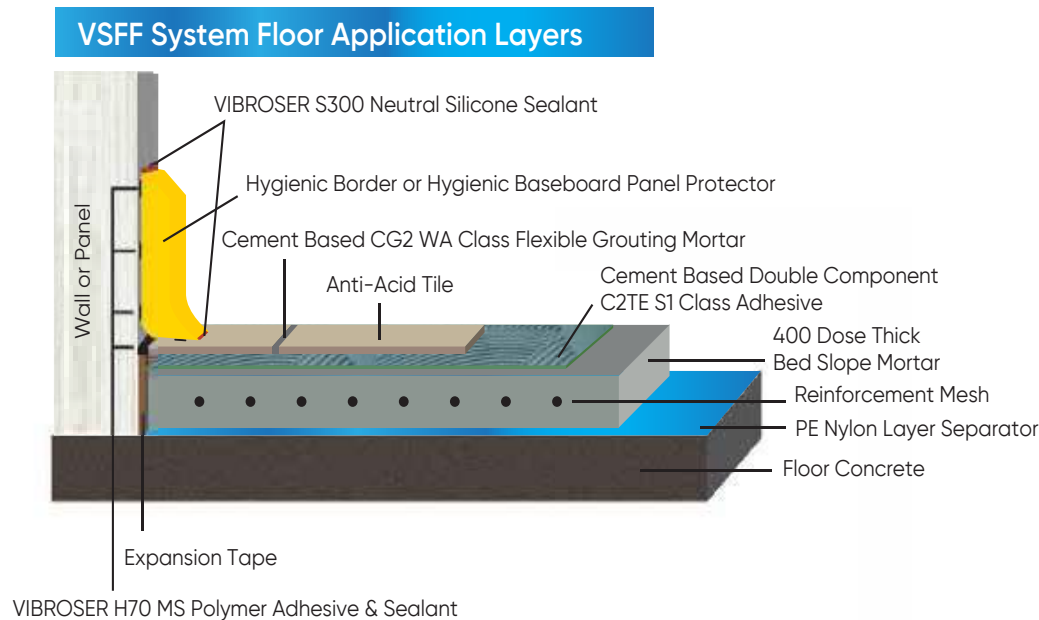


## The VSFF Vibration System with flex adhesive and flex grouting mortar

(0° - +40°) An affordable application with advantages of high bonding force, double component cement based C2TE S1 class flex adhesive and CG2 WA class flex grouting mortar. Suitable for industrial facilities that need medium-low mechanical resistance (markets etc.) and works at dry and normal conditions.

The application saves time thanks to the application of 400 doses of thick bed slope mortar and ceramic tiles in the same day.

It is the most affordable and alternative solution with the low maintenance cost.



# Epoxy Based Adhesives and Grouting Mortars



**XW1000**  
EPOXY ADHESIVE AND REPAIRING MORTAR  
Product Code: XW1000-0000EYTH

Gel (paste) type Epoxy - based tile adhesive and multi-purpose repairing mortar. It is solvent-free , with R2 class high bonding force which is specially designed for tile application in industrial facilities using vibration method.



**W065**  
EPOXY ADHESIVE AND GROUTING MORTAR  
Product Code: W065-000000EYDD

Paste type Epoxy - based tile adhesive, grouting mortar and repairing mortar for floors and walls. It is solvent-free, washable and has R2 and RG2 classes high bonding force.



**W13 A+B**  
EPOXY BASED LIQUID GROUTING MORTAR  
Product Code: W13-0000LEDD0AB

Epoxy based, three components (A+B+C) grouting mortar which it is applying in a liquid form with machine system. It is solventfree, washable and has RG2 class high bonding force. It specially designed for industrial facilities.

**EPOKSi C**  
SPECIAL SILICA SAND  
Product Code:  
W13-0000LEDD00C



# Silicon Adhesive and Sealant Mastics

**VIBROSER H70** (MS POLYMER ADHESIVE AND SEALANT)



Product Code: VIBROSER-YDDH70

VIBROSER H70 is MS (Hybrid) Polymer adhesive which it can be used for adhering of hygienic panel protectors, metallic and plastics materials. Also, it is suitable for expansion joints as sealants in industrial floors. It has high bonding force and ISEGA certificate

**VIBROSER S300** (300°C NEUTRAL SILICONE SEALANT)



Product Code: VIBROSER-DDS300

VIBROSER S300 is a one-component permanently elastic neutral silicone sealant which can be used for places which require high temperature resistance up to 300°C.



**RAPID**  
REPAIR MORTAR AND LIQUID JOINT SEALANT  
Product Code: W13-0000LEDD0AB

It is an epoxy-based, fast setting, solvent-free repair mortar with high adhesion strength and A+B+C three-component liquid joint filler developed for industrial facilities.

**EPOKSi C**  
SPECIAL SILICA SAND  
Product Code:  
W13-0000LEDD00C

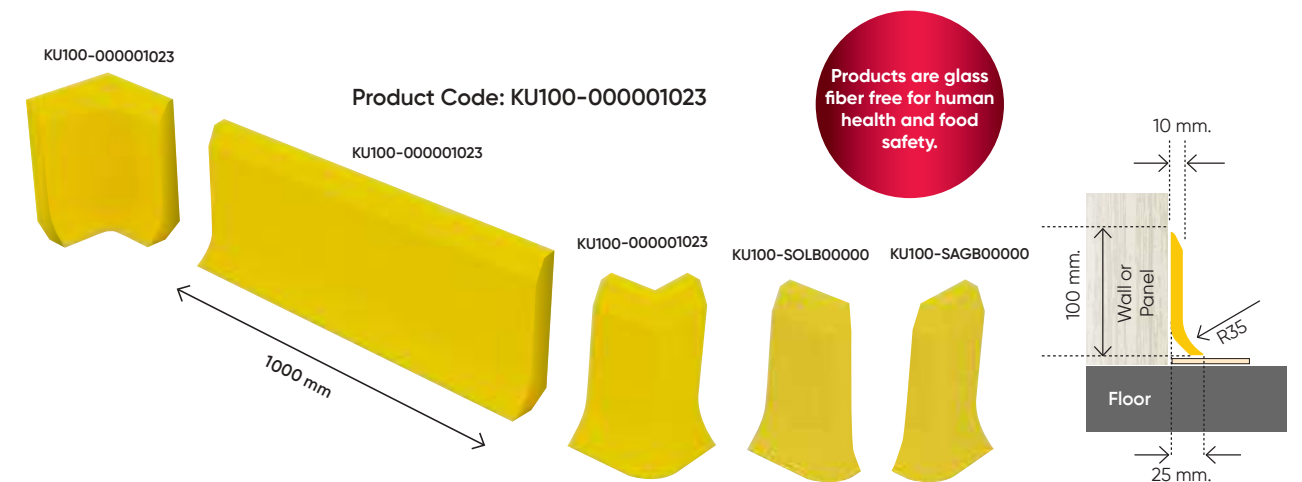




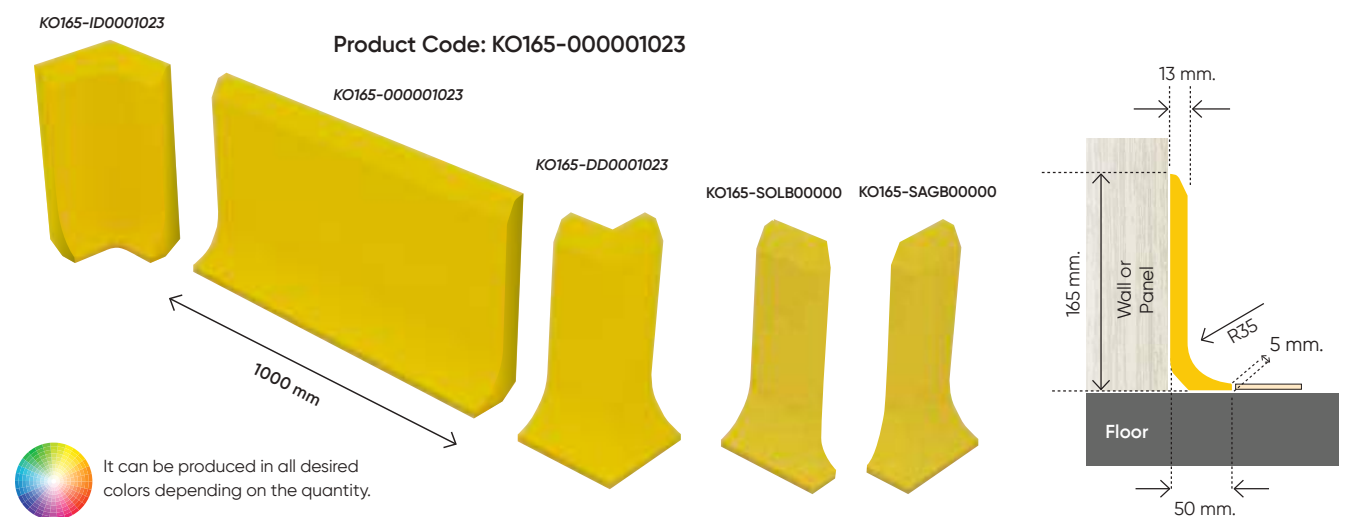
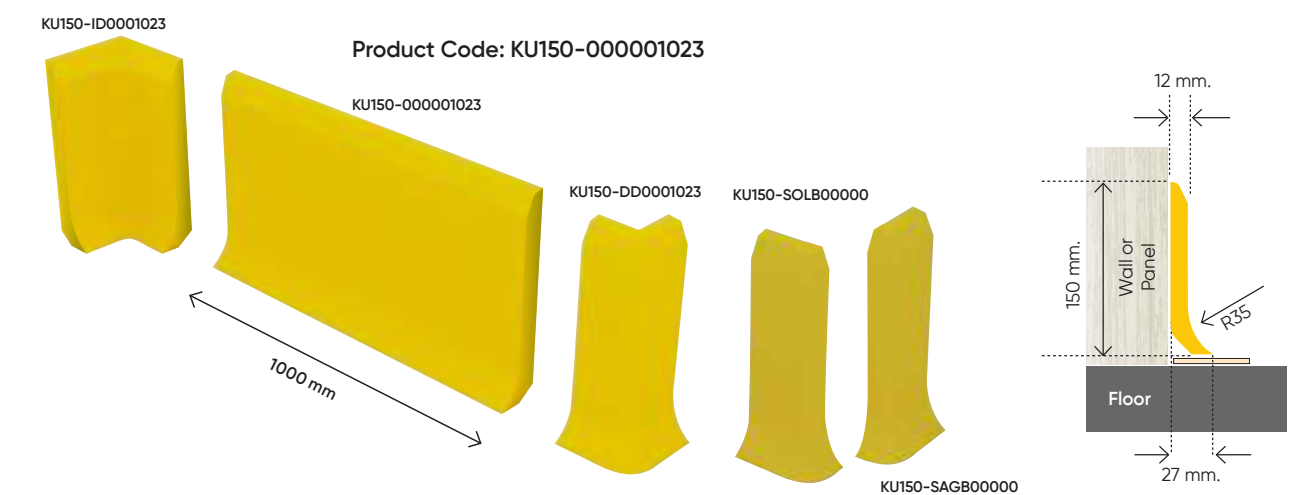


## Hygienic Baseboard Panel Protector

These products protect panels, walls and columns against light and medium mechanical impacts. Hygienic baseboards are used in any area that require easy-cleanability and hygiene. Thanks to its acrylic material and non-porous surface, these products are resistant to acids and chemicals. Easy-to-clean and reduce bacterial growth because of its coving shape at the bottom. While ensuring protection against corrosion where the product is used, it also acts as a **"caution tape"** thanks to its bright attractive colour. It is produced in two types: **sit-on type** and in **front of flooring**. Due to its easy maintenance, these products are efficient and long-lasting solution.

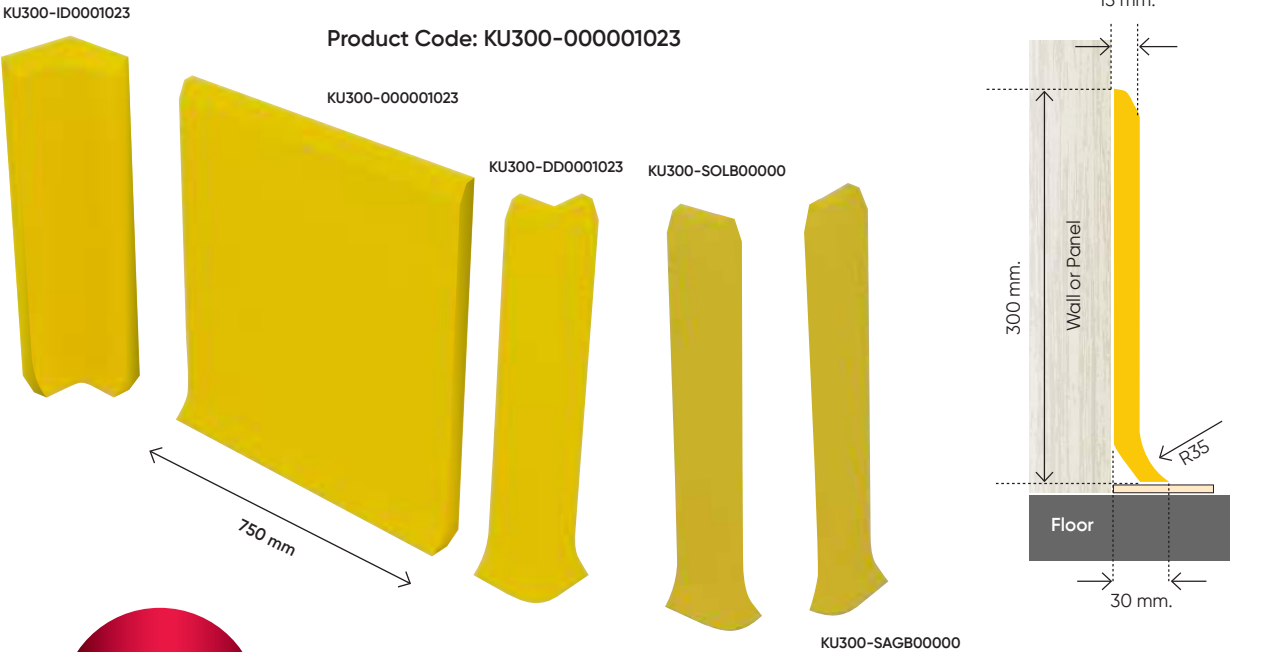


## Hygienic Baseboard Panel Protector



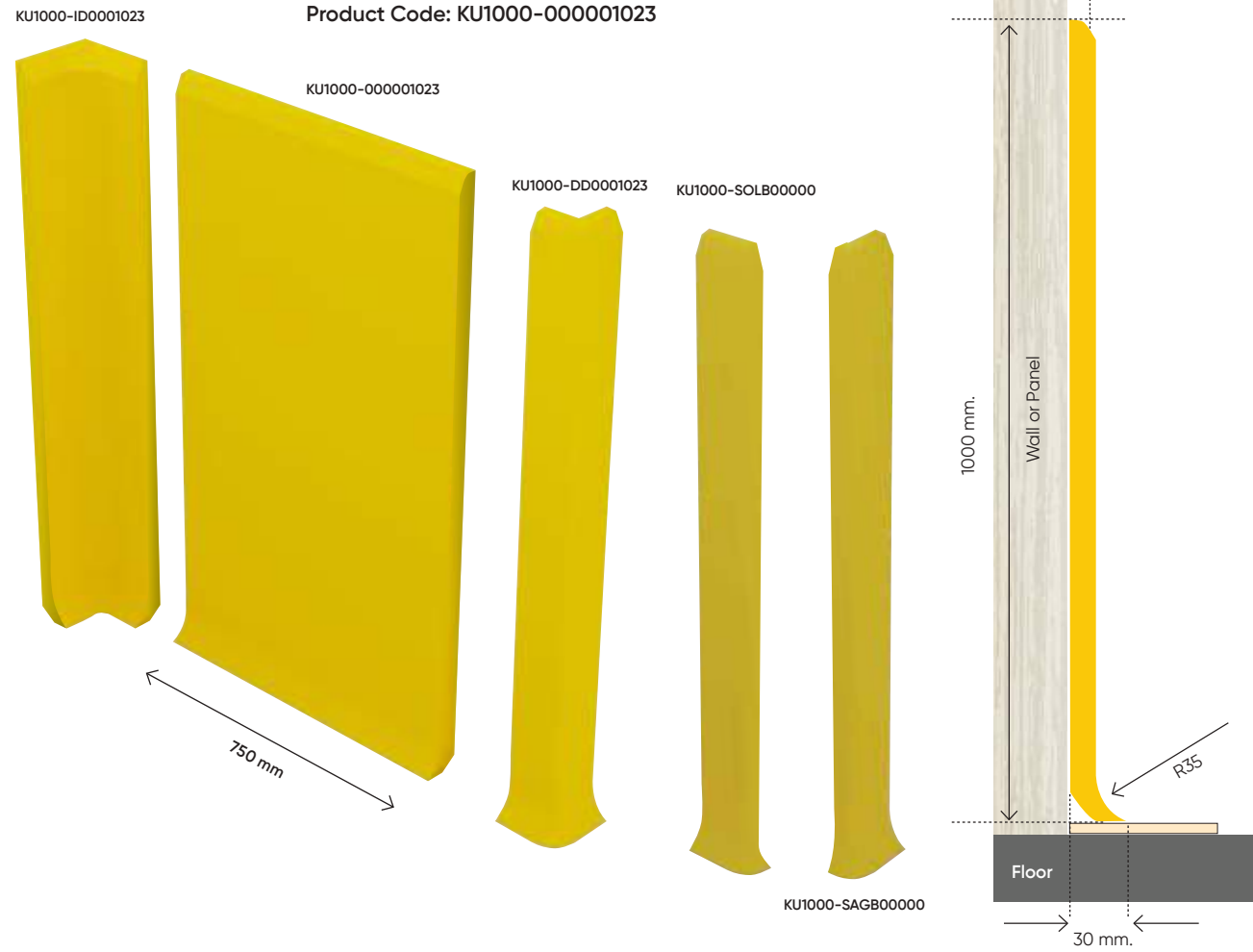


Hygienic Baseboard Panel Protector



Products are glass fiber free for human health and food safety.

It can be produced in all desired colors depending on the quantity.

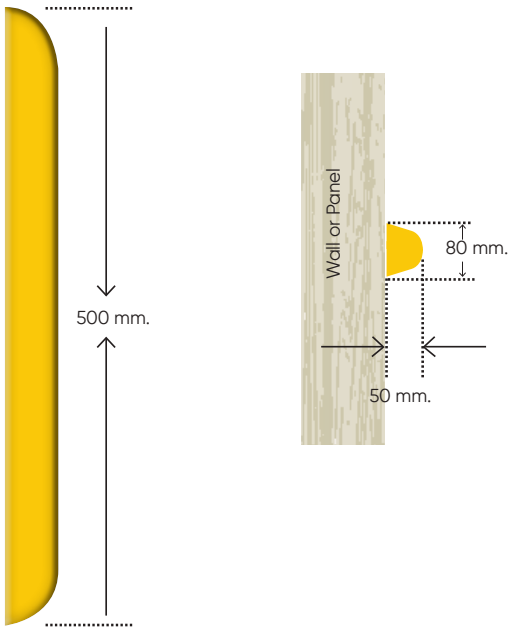




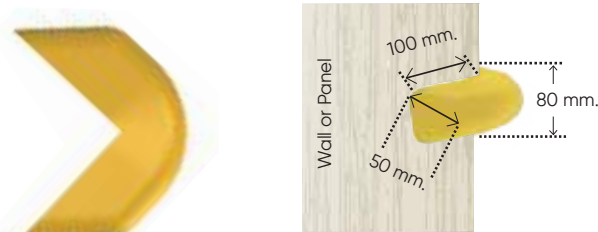
# Hygienic Border Stainless Steel Panel Protector

It ensures excellent protection against impacts and crashes thanks to its adjustable installation height. Due to its flexible nature while protecting walls and corners, it prevents damage of your valuable equipment that can result from crash and frictions. It provides an aesthetical appearance thanks to its shape and colour

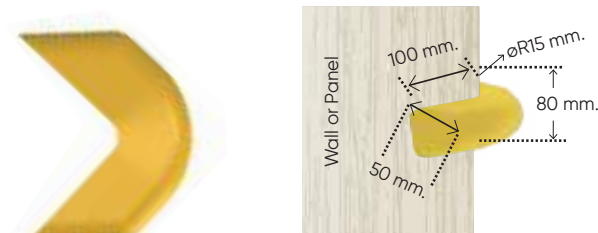
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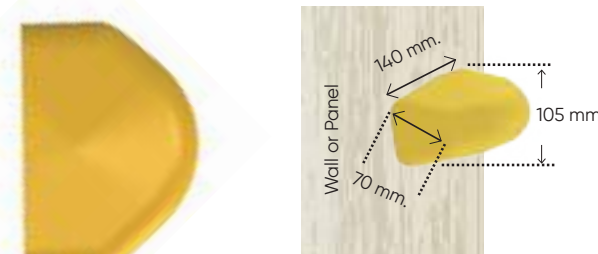
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Product Code: EKK50R-DD0001023



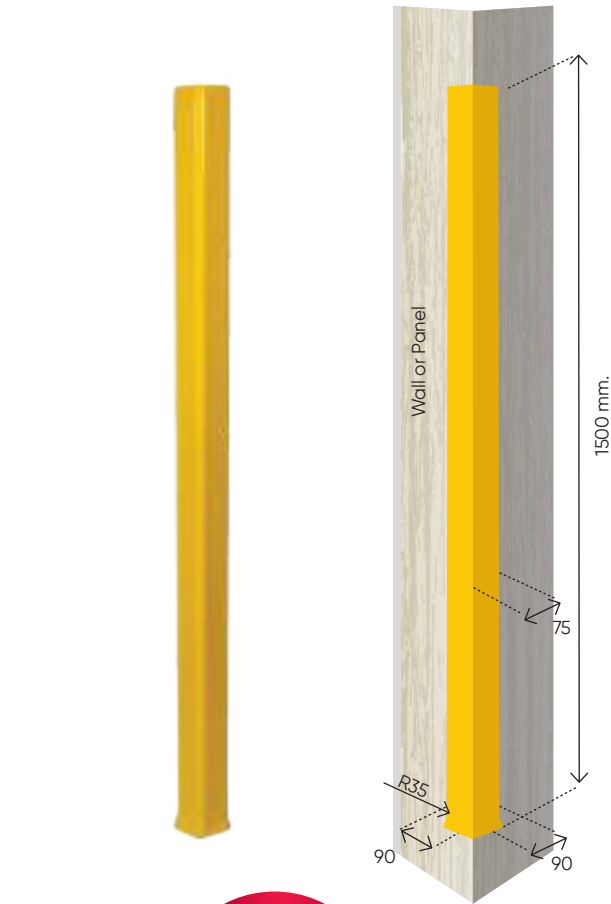
Product Code: EDK100-000001023



# Hygienic Corner Protector

Perfectly protect the panel and wall corners against impact of the buggies and high shelf carriers due to its height- 150 cm. It protects against light and medium mechanical impacts.

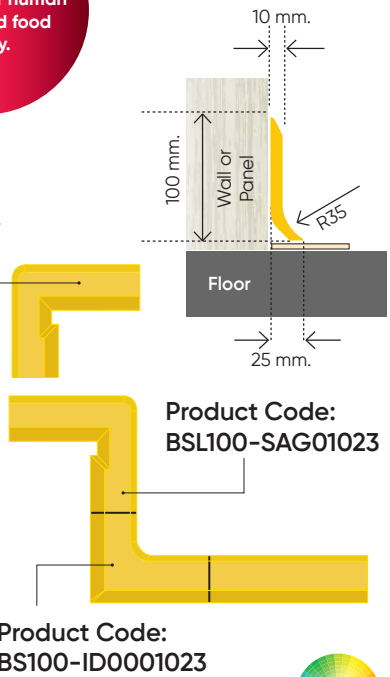
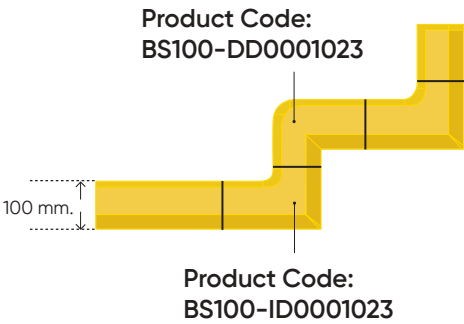
Product Code: KUDK1500-001023



Products are glass fiber free for human health and food safety.

# Hygienic Step Baseboard

It is aesthetic and hygienic baseboard specially designed for stairs. Its are assembling as two parts and producing two type as flat nosing and drop nosing.



It can be produced in all desired colors depending on the quantity.

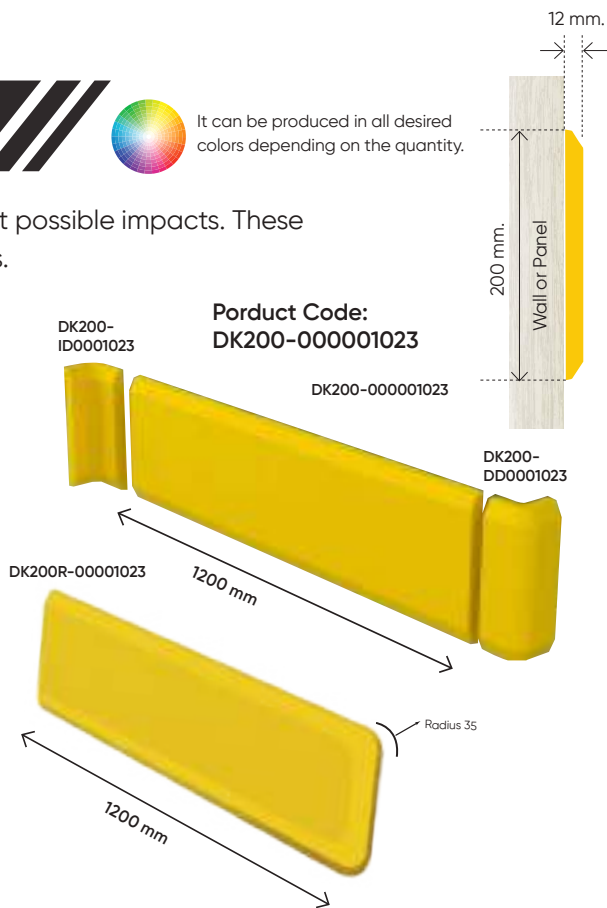


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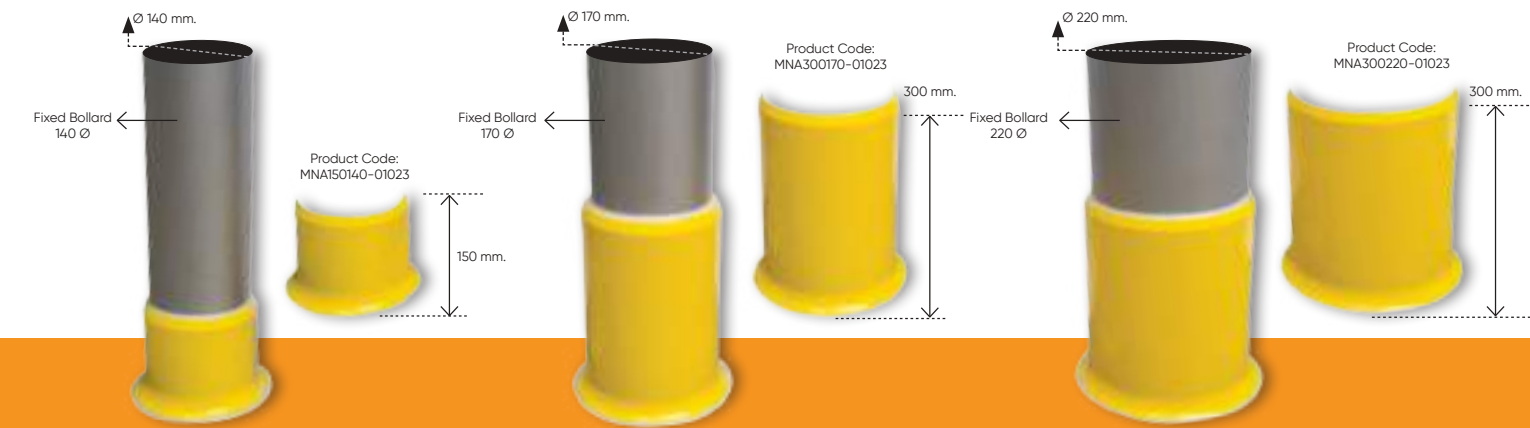
Hygienic Wall Protector

These product are providing walls or panels protection against possible impacts. These hygienic products can be installed by special bonding mastics. It protects against to light and medium impacts.



Hygienic skirting products that protect the fixed bollards and monorail carriers against corrosion and provide easy cleaning at the bottom. It prevent the growing of the mold, fungus and bacteria. It protects against to light and medium impacts

Hygienic Baseboard for Monorail and Bollard



Products are glass fiber free for human health and food safety.

Hygienic Panel Protectors Mechanical, Chemical, Anti-Microbial and Migration Test Results

Test	Unit / Chemical	Test Method	Reference Limit Value *	Measured Value
Impact Resist	Kj/m²	TS EN ISO 179-1eu	≥ 10,00	13,77
Impact Energy	j/m	TS EN ISO 179-1eu	≥ 100,00	136,45
Water Absorbtion		Immersion Method (48 Saat/Hours - +24° C)	≤ % 0,8	≤ % 0,6
Frost Resist	°C / h	In Deep Freezer ( - 40° C / 72 Saat- Hours)	There should be neither damage nor change	There is neither damage nor change
Thermal Resist	°C / h	+ 70 °C / 12 Saat/hours + 80 °C / 12 Saat/hours + 90 °C / 12 Saat/hours	There should be neither damage nor change	There is neither damage nor change
Reaction to Fire Classification		TS EN 13501-1 + A1:2013	<b>E</b>	<b>E</b>
Chemical Resistance				
	Sodium Hydroxide (NaOH)%10 Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> ) %10 Hydrochloric Acid (HCL) %10 Propanol (C <sub>3</sub> H <sub>7</sub> O) Ethanol (C <sub>2</sub> H <sub>5</sub> O) Glycerin (C <sub>3</sub> H <sub>8</sub> O <sub>3</sub> ) +90°C Water	1 ml. solution was applied for 20 minutes and then the sample was wiped clean with a damp cloth	There should be neither damage nor change	There is neither damage nor change

Migration Tests

Analiz Adı / Analysis Name	Test Method	Result	LOQ	Requirement	Interpretation
Test Condition: 3% Acetic Acid, 40°C, 30 Min. Specific Migration of Primary Aromatic Amines, Sum of: CAS: 00108-45-2 (mPDA), CAS: 823-40-5 (2,6-TDA), CAS: 95-80-7 (2,4-TDA), CAS: 2243-62-1 (1,5-DAN), CAS: 142-04-1 (ANL), CAS: 101-80-4 (4,4-DPE), CAS: 101-77-9 (4,4-MDA), CAS: 00119-93-7(3,3-DMB)	EUR 24815 EN 2011	Not Detected mg/kg	0,008 mg/kg	<= 0,01 mg/kg a	Pass
Determination of Overall Migration (Acidic Food, Food Simulant B, Acetic Acid (3 %))*	TS EN 1186-9	3,2 mg/dm²	1 mg/dm²	<= 10 mg/dm² a	Pass
Determination of Overall Migration (Aqueous Food,Food Simulant A,Ethanol (10%))*	TS EN 1186-9	2,7 mg/dm²	1 mg/dm²	<= 10 mg/dm² a	Pass
(Determination of Overall Migration (Fatty Food, Simulant for Simulant D2, Vegetable Oil) *	TS EN 1186-1, TS EN 1186-2	4,3 mg/dm²	1 mg/dm²	<= 10 mg/dm² a	Pass
Migration of Copper (Cu)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.01 mg/kg	<= 5 mg/kg a	Pass
Migration of Barium (Ba)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.01 mg/kg	<= 1 mg/kg a	Pass
Migration of Zinc (Zn)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.01 mg/kg	<= 25 mg/kg a	Pass
Migration of Iron (Fe)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.02 mg/kg	<= 48 mg/kg a	Pass
Migration of Cobalt (Co)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.005 mg/kg	<= 0,05 mg/kg a	Pass
Migration of Lithium (Li)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.01 mg/kg	<= 0,6 mg/kg a	Pass
Migration of Manganese (Mn)*	TS EN 13130-1 ISO 17294-1&2	Not Detected mg/kg	0.01 mg/kg	<= 0,6 mg/kg a	Pass

LOQ: Limit of Quantification LOD: Limit of Detection  
\*Marked analysis is in scope of Turkak accreditation  
The reported uncertainty is an expanded uncertainty calculated using a coverage factor of 2 which gives a level of confidence of approximately 95%.  
Due to customer demand analyses results were interpreted according to Turkish Food Codex Food Contact Matter and Material Communique 2013/34 and Commision Regulation EU No: 10/2011.

Anti Microbial Test

Name of Microorganisms	Inoculation of Microorganisms cfu/mL	Uo (cfu/mL)	Ut (cfu/mL)	At(cf/mL)	R	Method	Requirement	Interpretation
Staphylococcus aureus ATCC 6538	1.3x10 <sup>5</sup> : 5.11	1.5x10 <sup>3</sup> : 3.17	4.0x10 <sup>2</sup> : 2.60	3.0x10 <sup>0</sup> : 0.47	2.13	JIS 2801, 2012	≥ 2	<b>P</b> (Pass)
E. coli ATCC 25922	1.1x10 <sup>5</sup> :5.04	2.0x10 <sup>3</sup> :3.30	3.0x10 <sup>2</sup> : 2.47	2.0x10 <sup>0</sup> : 0.30	2.17		≥ 2	<b>P</b> (Pass)

R: (Ut-Uo)-(At-Uo)=Ut-At  
Uo: Logarithmic mean value of uncured test samples immediately after inoculation (Uo) (0 hour)  
Ut: Logarithmic mean value of uncured test samples at the end of 24 hours after inoculation.  
At: Logarithmic mean value of cured test samples at the end of 24 hours.  
R: Antibacterial Activity Pass (**P**), Fail (**F**) Some analyses are performed and resulted for R&D purposes in scope of private demand.



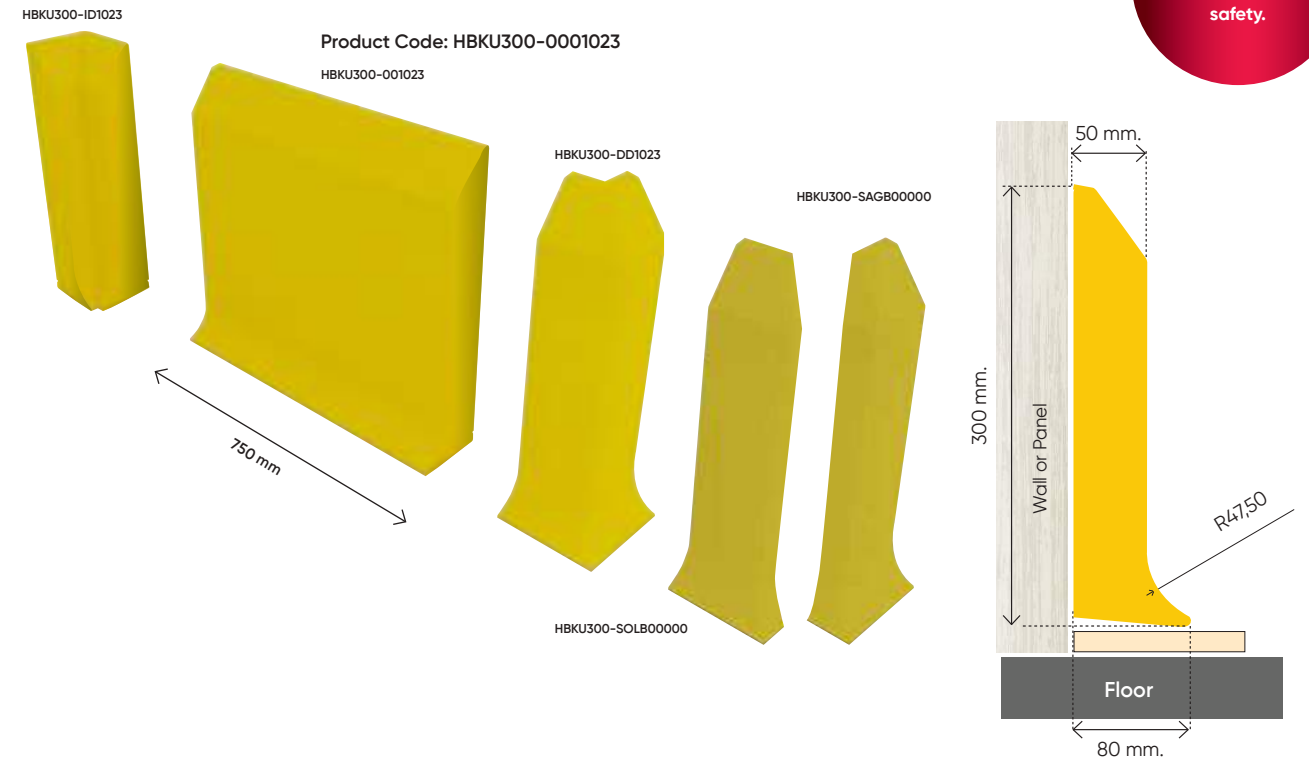


## Hygienic Border Panel Protector

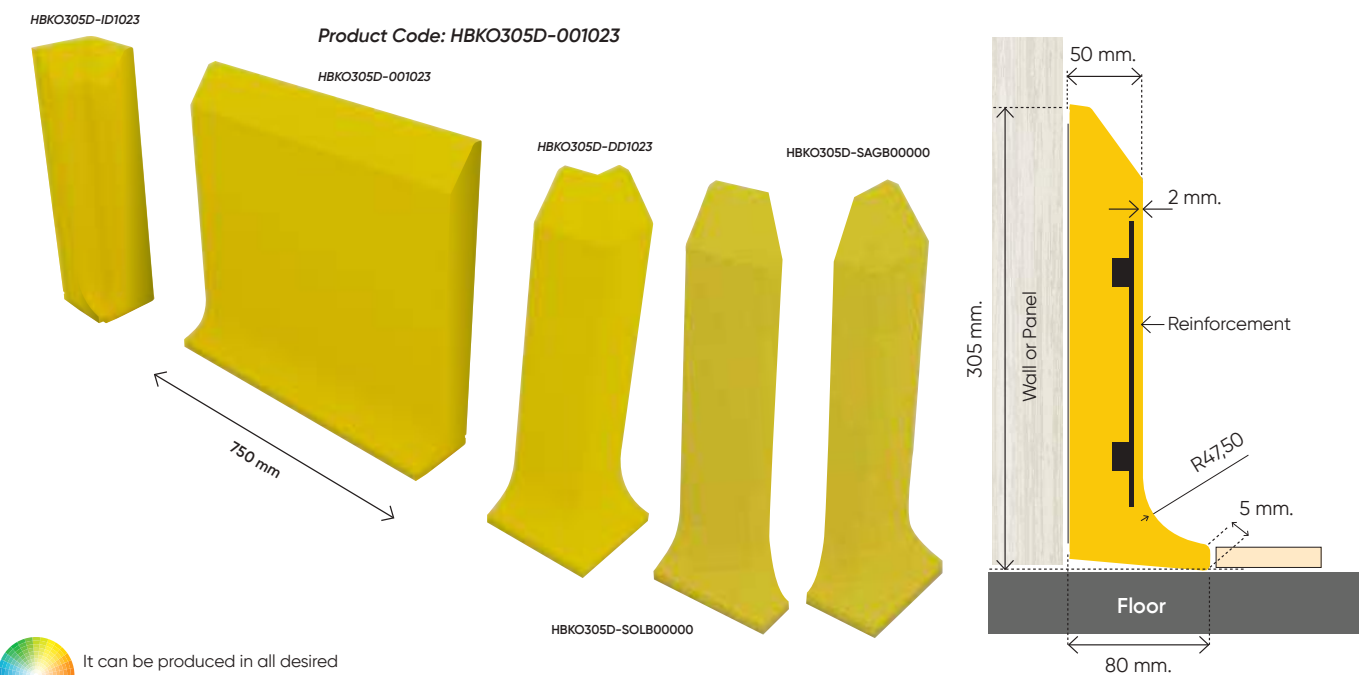
These products protect panels, walls and columns. Its resistance to light, medium and heavy impacts. These panel protectors are used in any area that require easy-cleanability and hygiene. Thanks to its acrylic material and nonporous surface, it is resistant to acids and chemicals. Thanks to its radius form at the bottom, it is easy-to-clean and reduces bacterial growth. While ensuring protection against corrosion where the product is used, it also acts as a "caution tape" thanks to its attention-grabbing color. It is produced in two types as **on the flooring** and **in front of flooring**.

Due to its easy maintenance, it is much more efficient and long-lasting solution. It is produced with reinforcement if required.

Products are glass fiber free for human health and food safety.



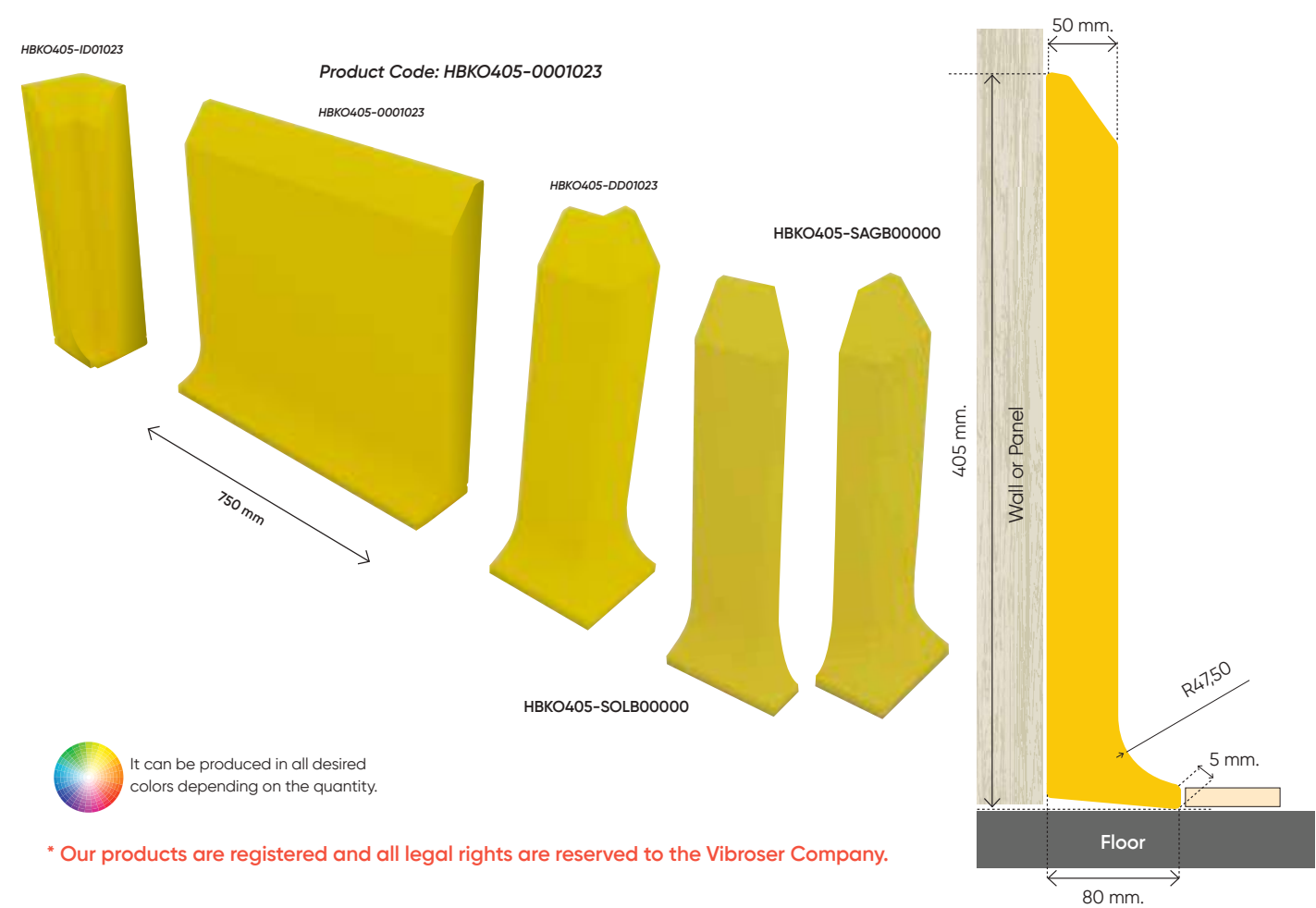
## Hygienic Baseboard Panel Protector



It can be produced in all desired colors depending on the quantity.



Hygienic Border Panel Protector





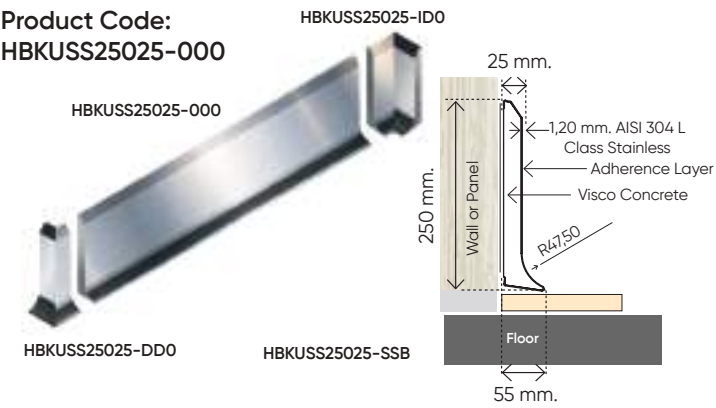


## Hygienic Border Stainless Steel Panel Protector

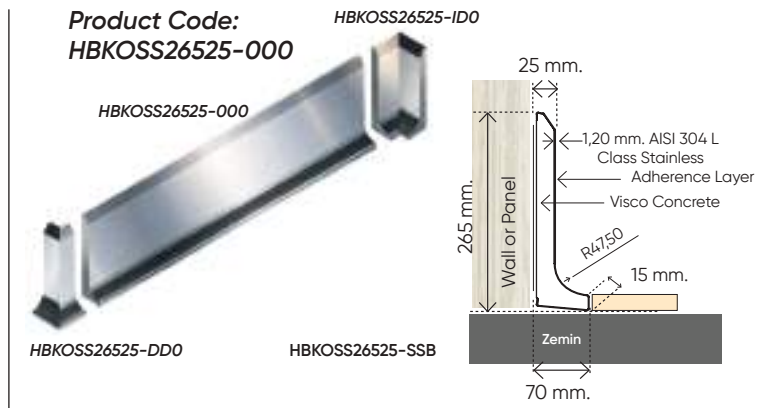
### Hygienic Border Stainless Steel Panel Protector

These AISI 304 or AISI 316 stainless surface products protect panels, walls and columns. They are used in any area that requires easy-cleanability and hygiene. Thanks to its non-porous surface and radial shape, it is resistant to acid and chemicals. Also easy-to-clean and reduces bacterial growth. Due to its easy maintenance, it is efficient and long-lasting solution. It is produced with reinforcement if required.

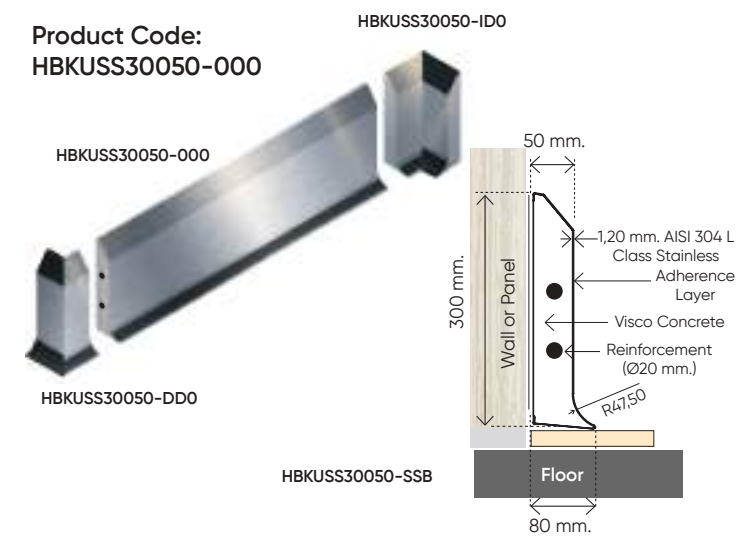
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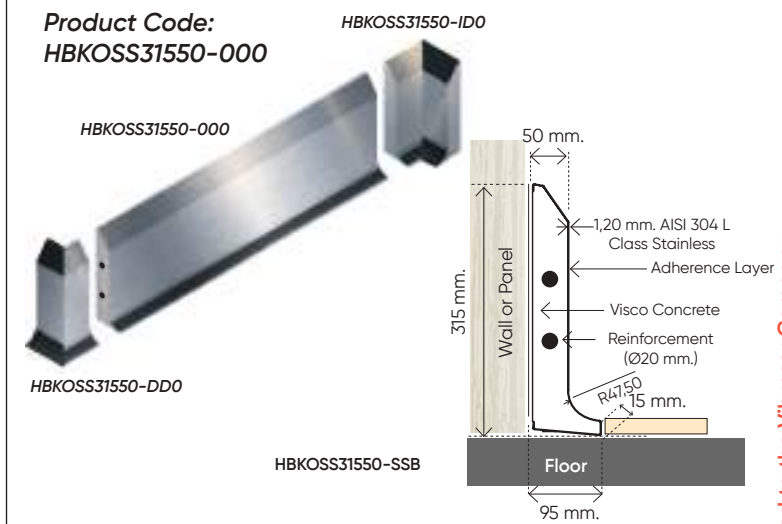
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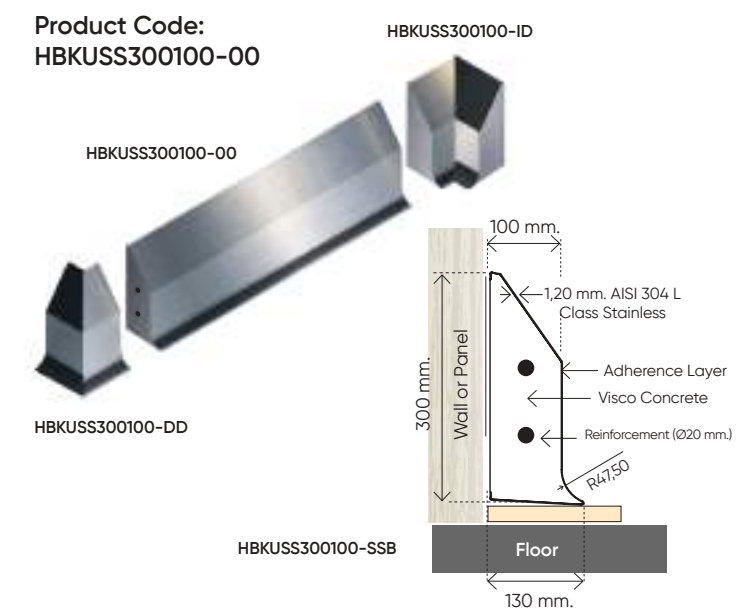
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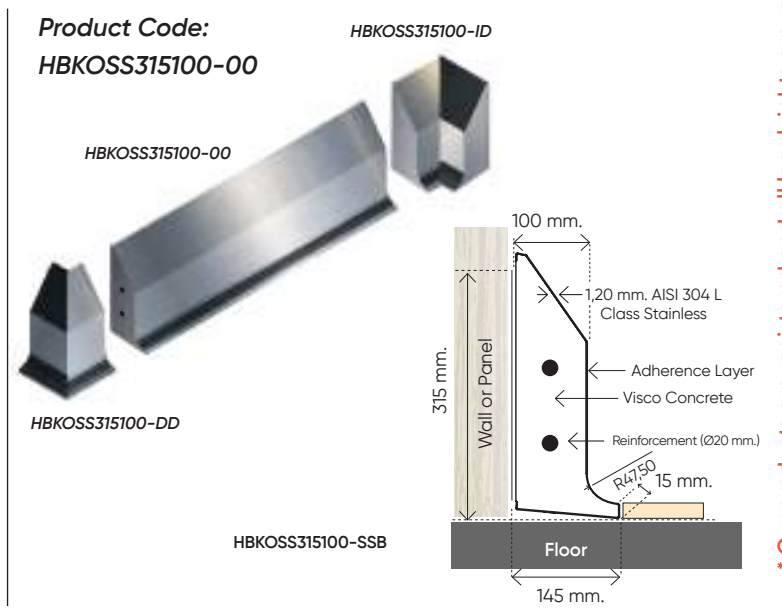
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Product Code:  
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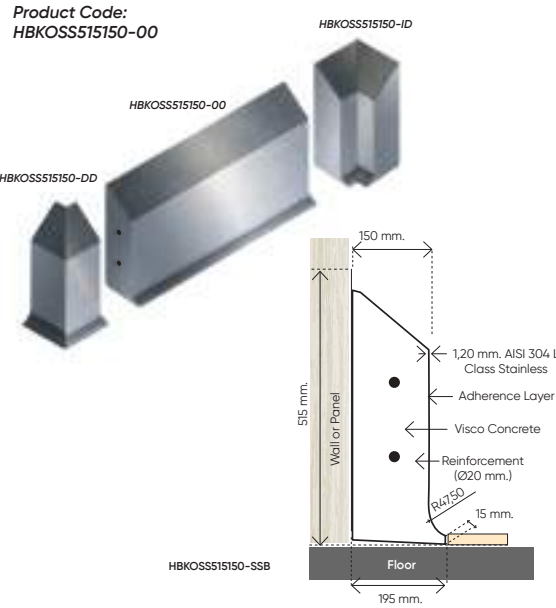
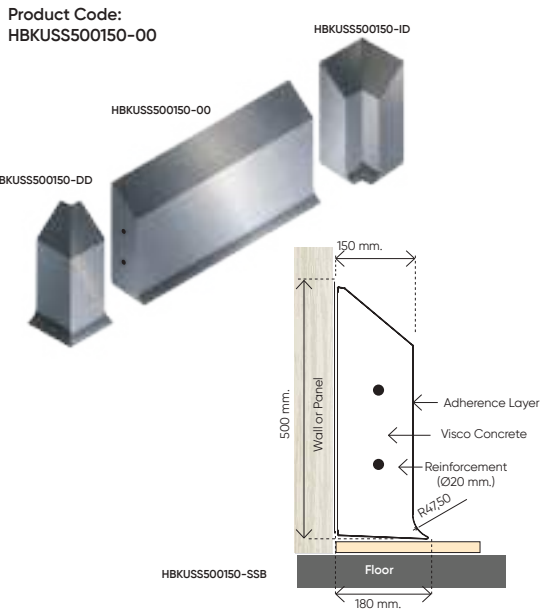
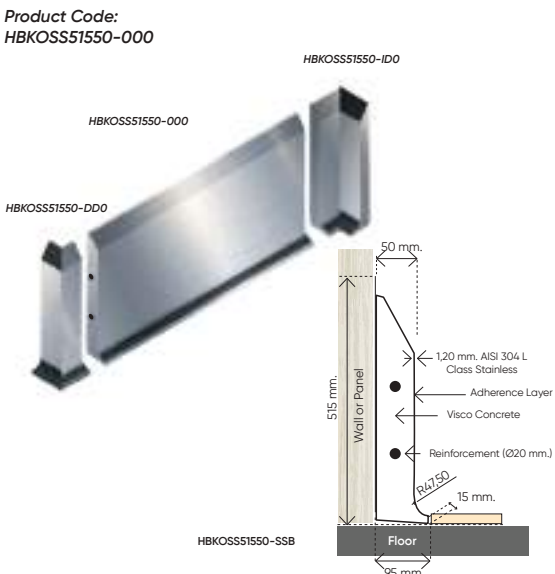
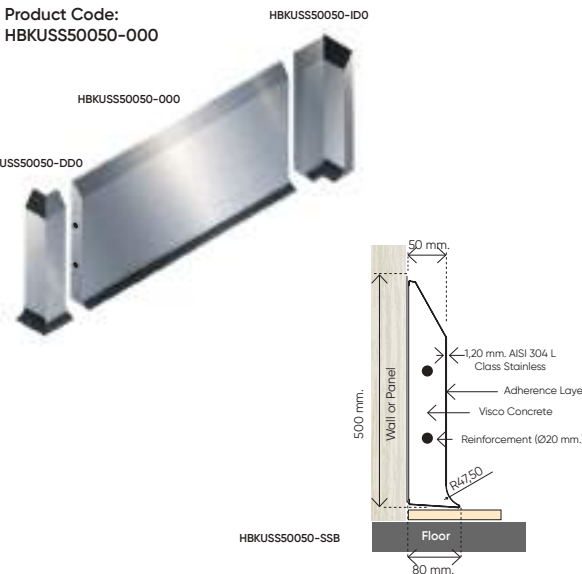
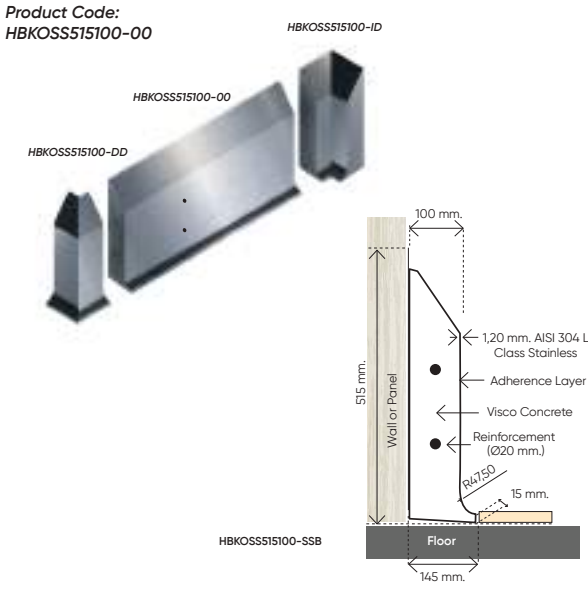
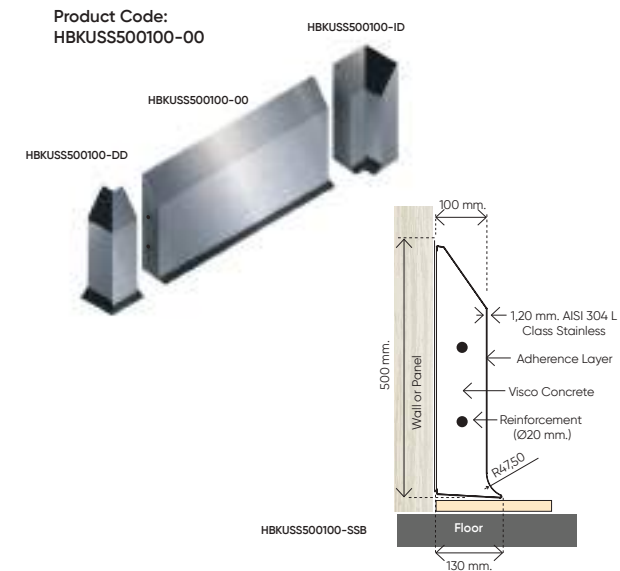
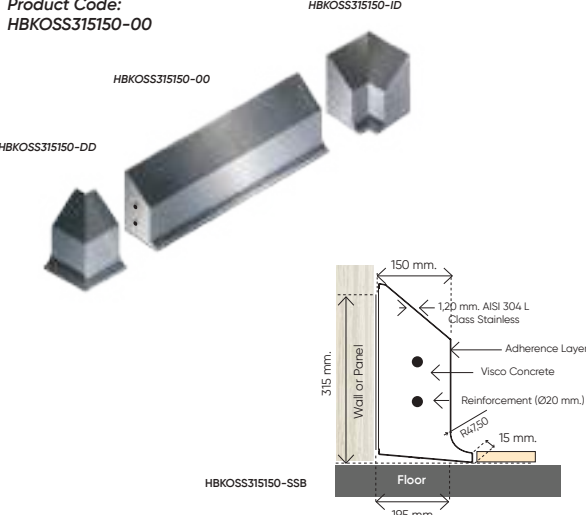
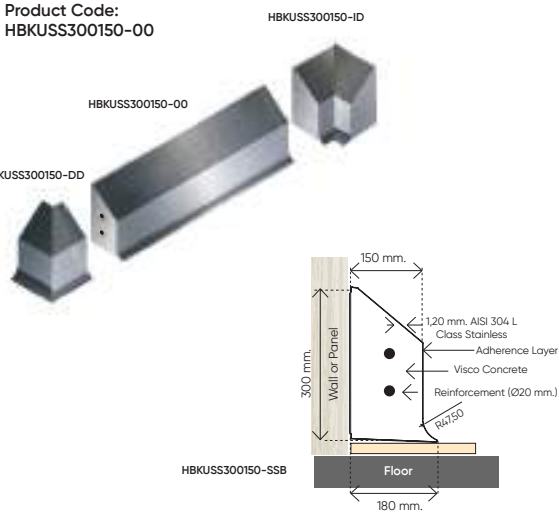
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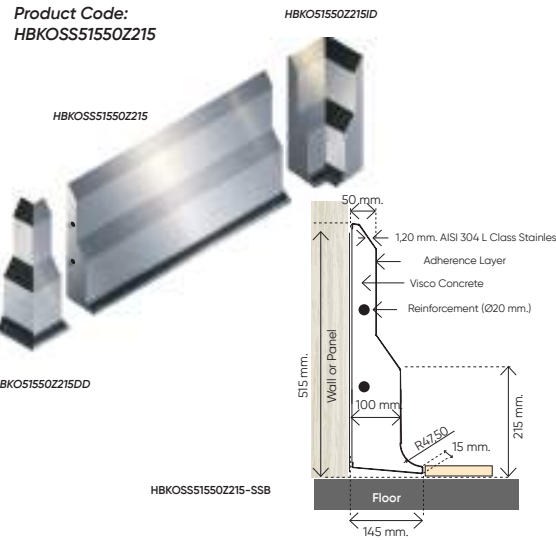
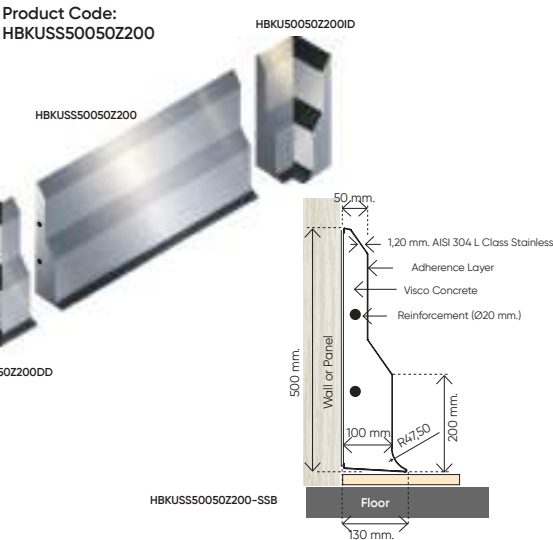
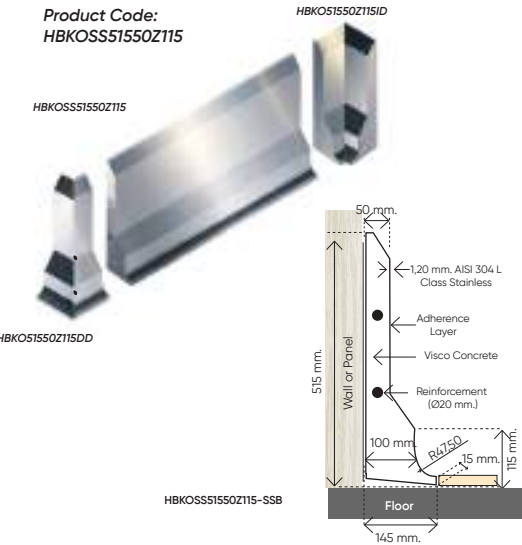
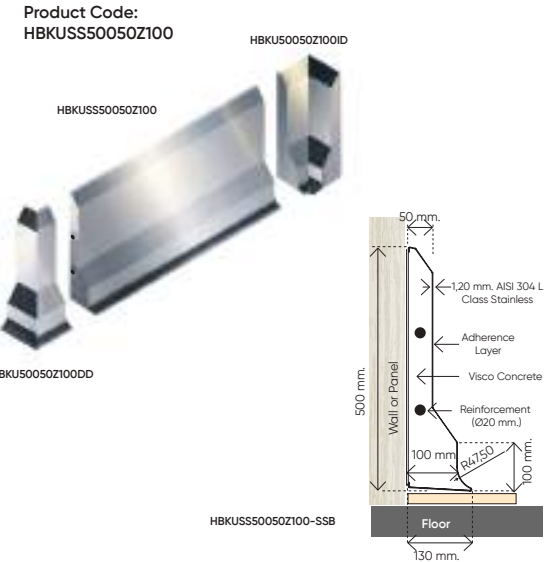
These products can be fixed to the floor with anchoring system.



Hygienic Border Stainless Steel Panel Protector



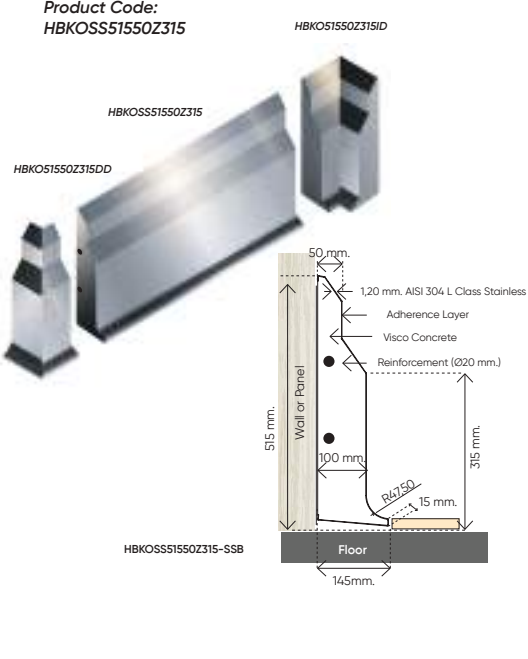
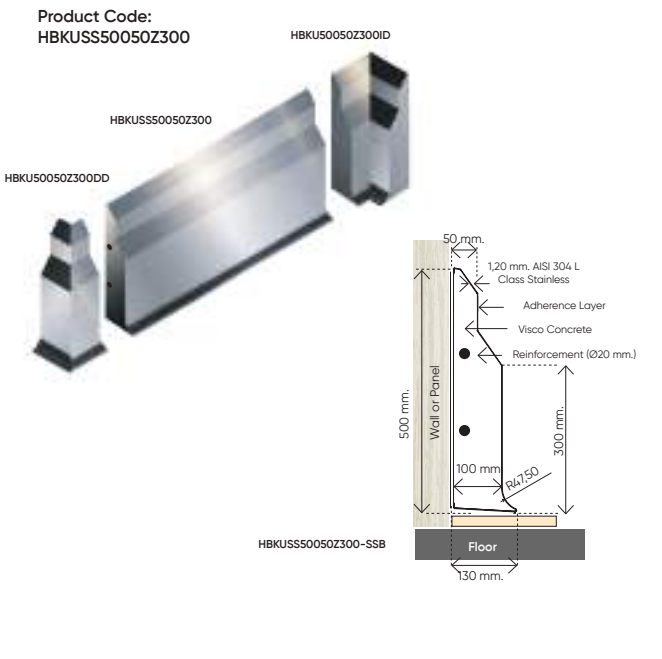
These products can be fixed to the floor with anchoring system.



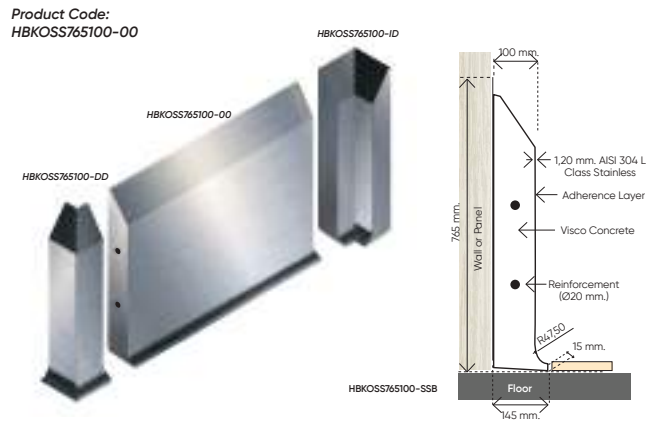
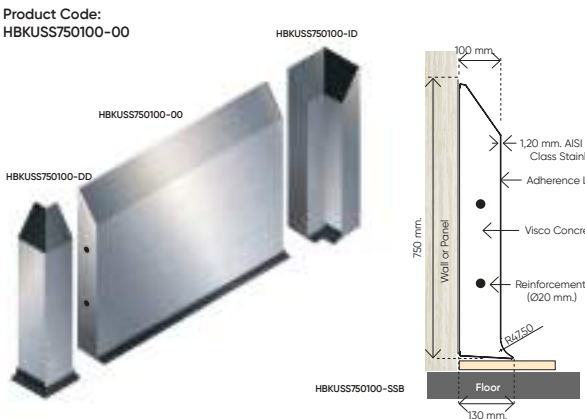
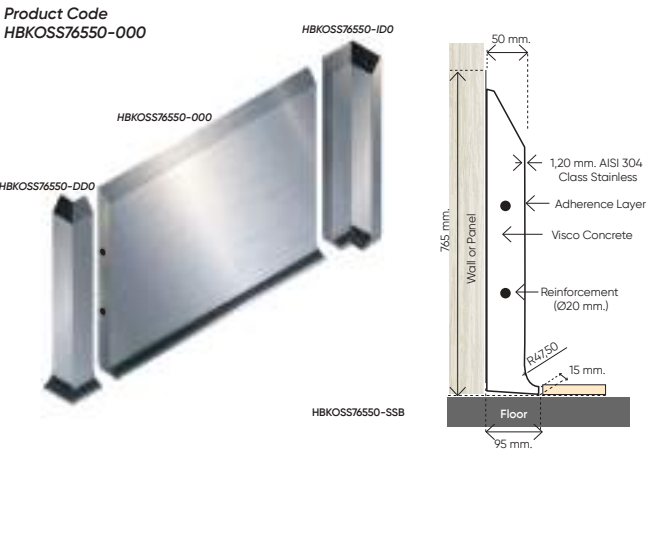
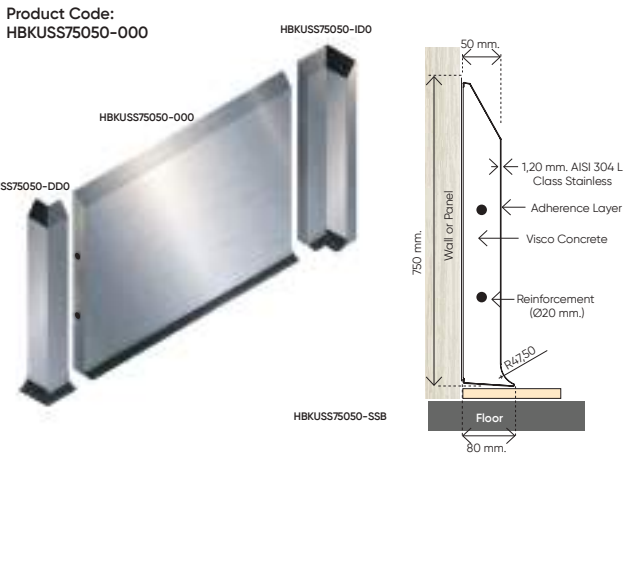
These products can be fixed to the floor with anchoring system.

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# Hygienic Border Stainless Steel Panel Protector



# Hygienic Border Stainless Steel Panel Protector

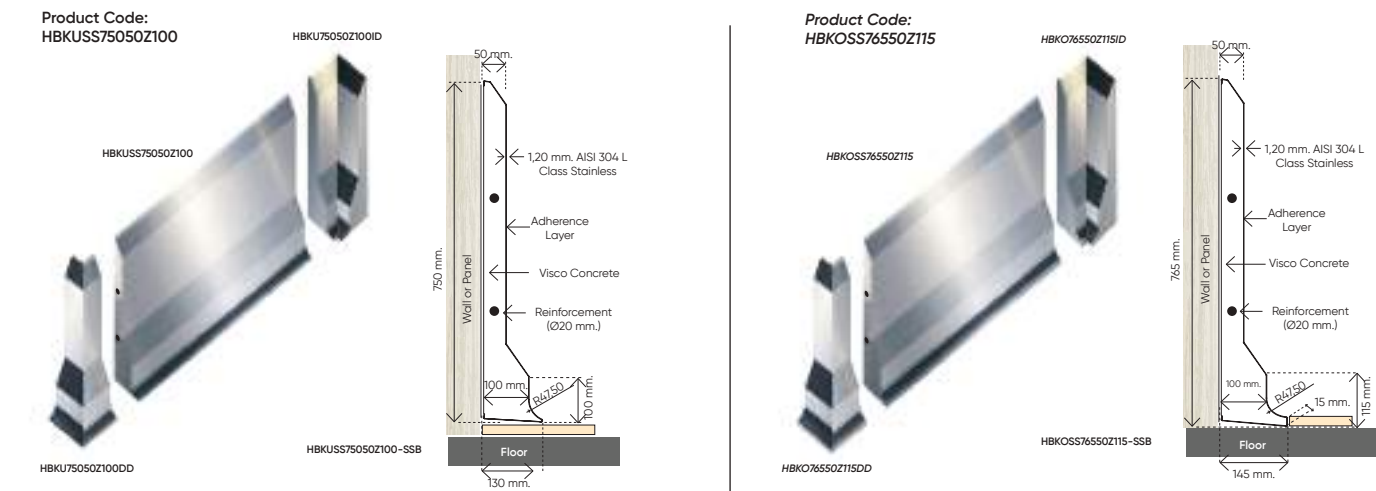
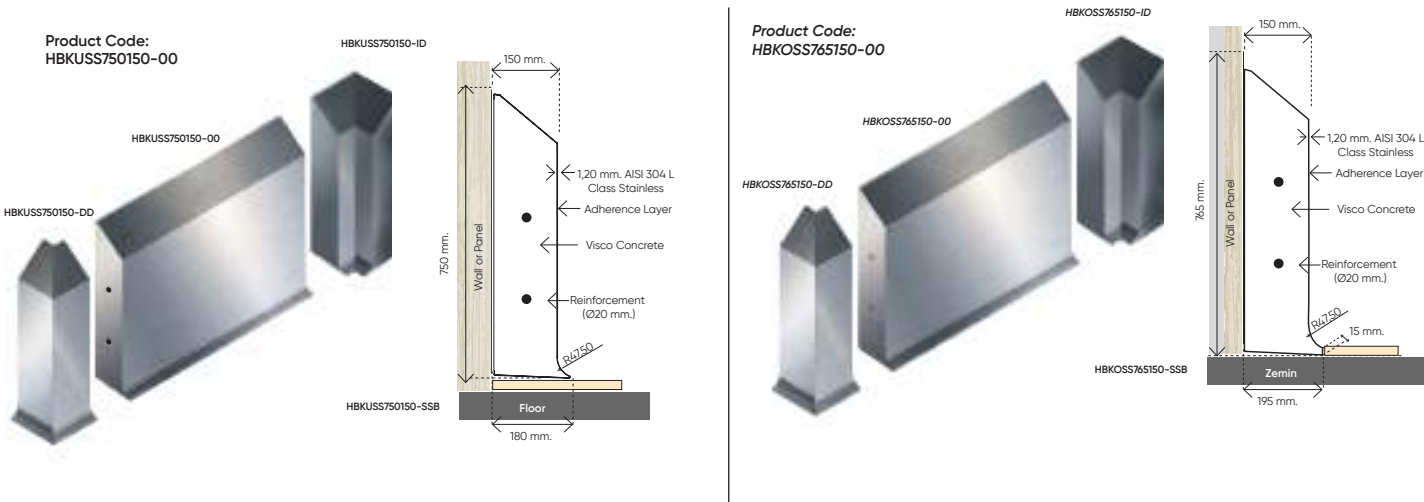


These products can be fixed to the floor with anchoring system.

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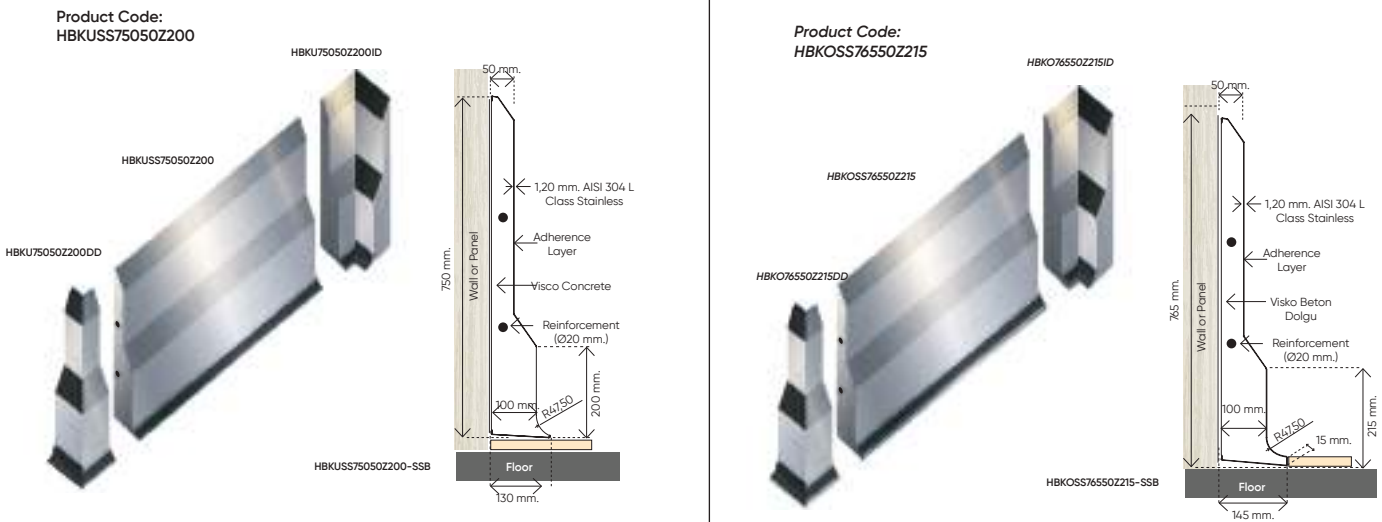
Hygienic Border Stainless Steel Panel Protector



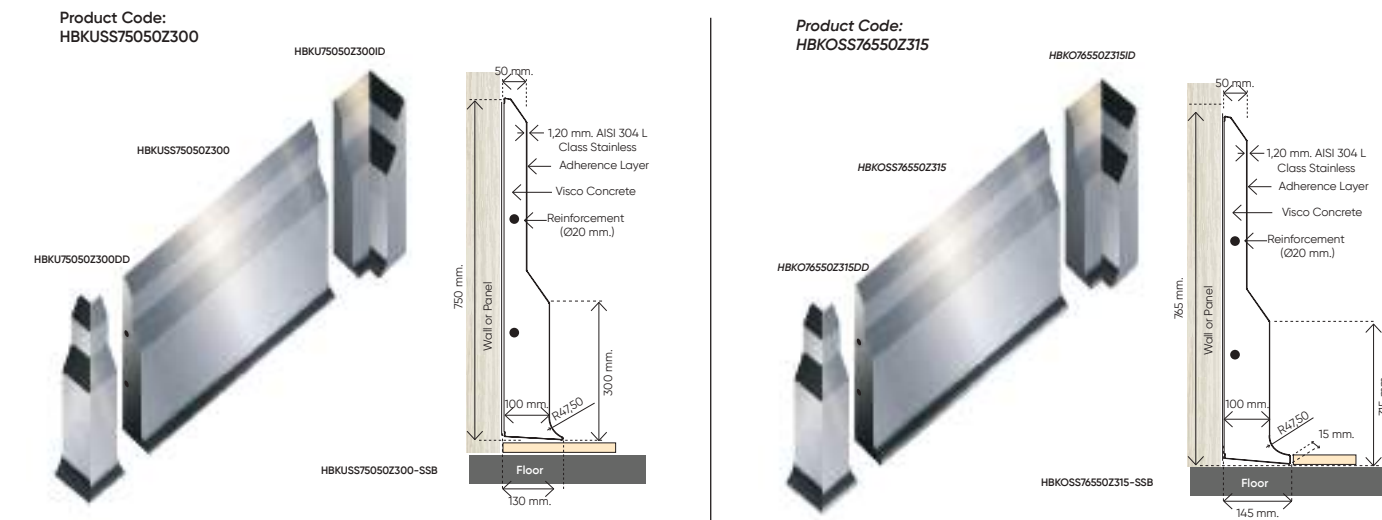
These products can be fixed to the floor with anchoring system.



Hygienic Border Stainless Steel Panel Protector



These products can be fixed to the floor with anchoring system.

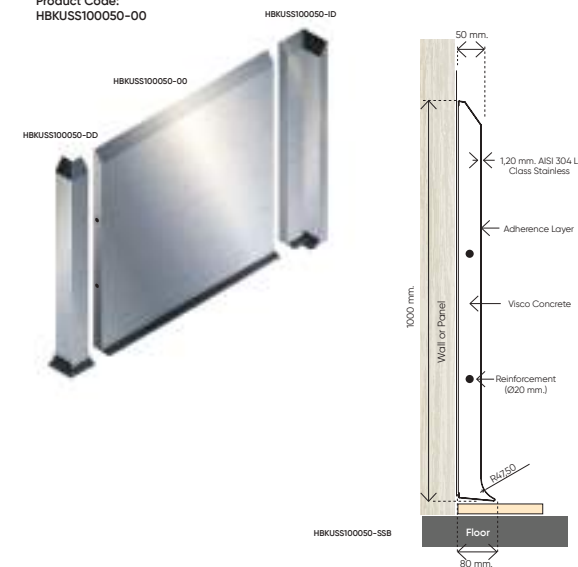




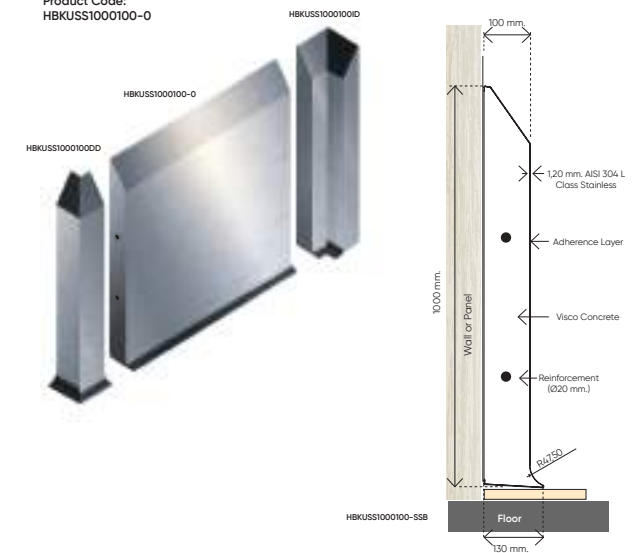


## Hygienic Border Stainless Steel Panel Protector

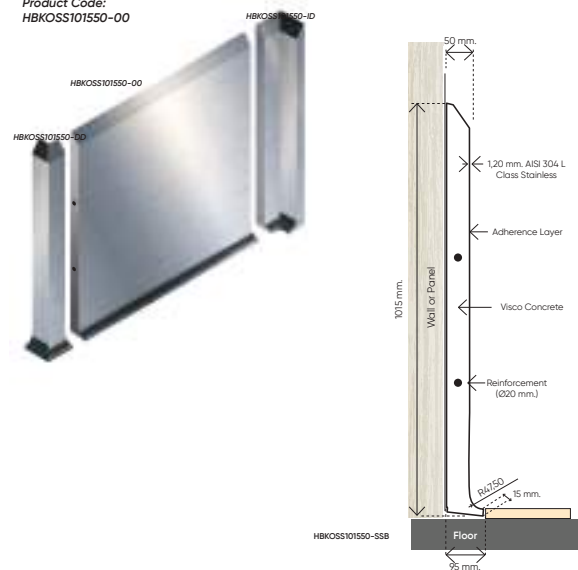
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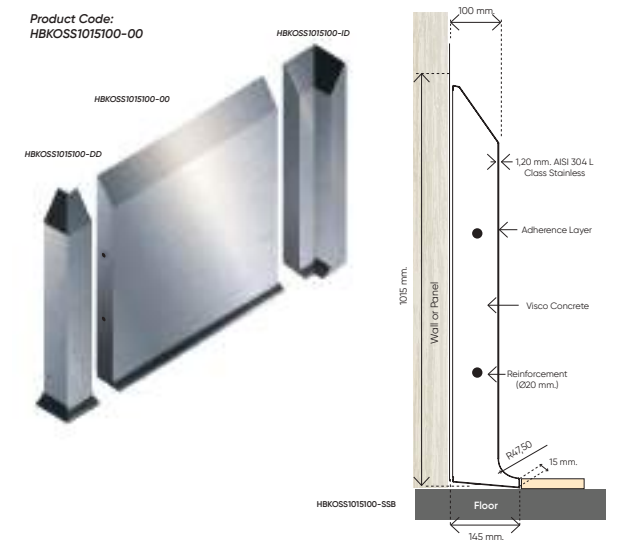
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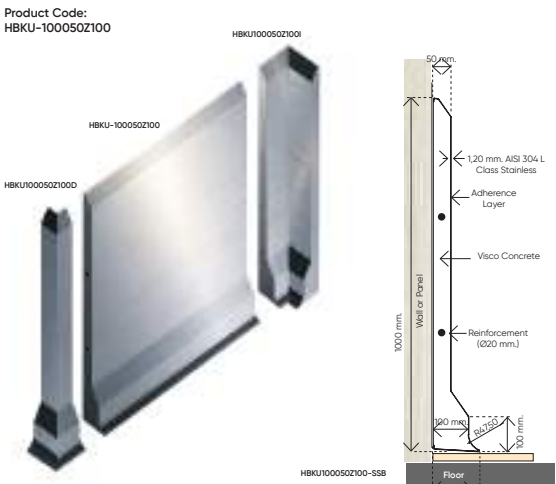
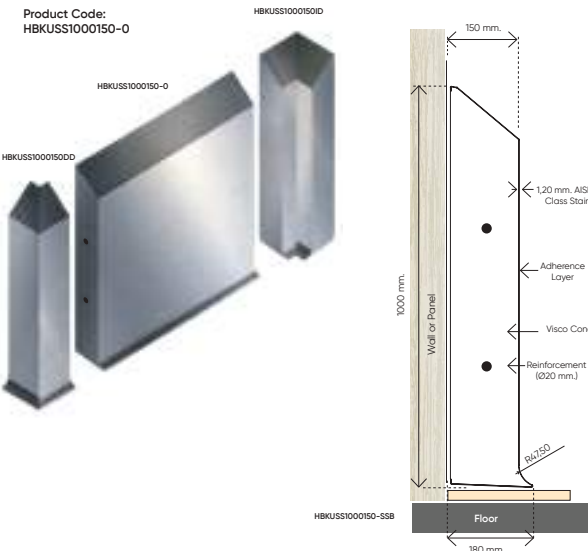


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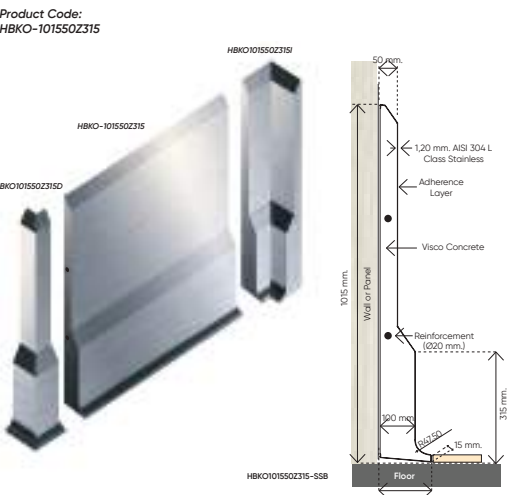
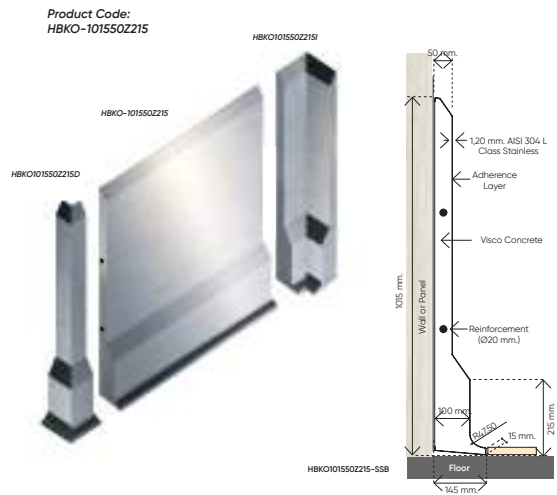
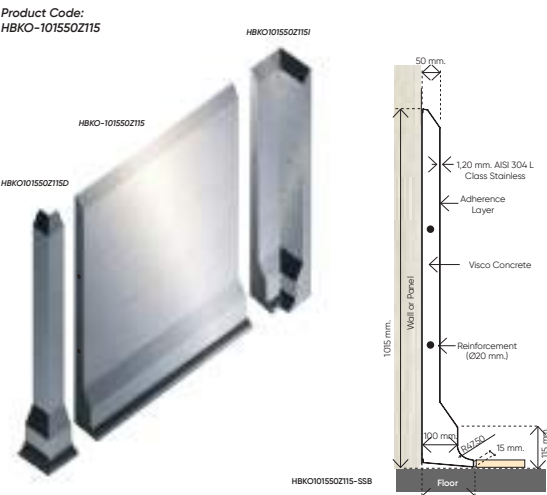
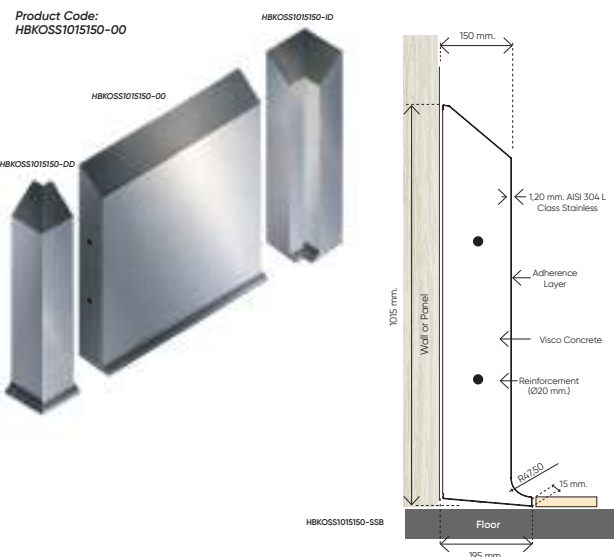
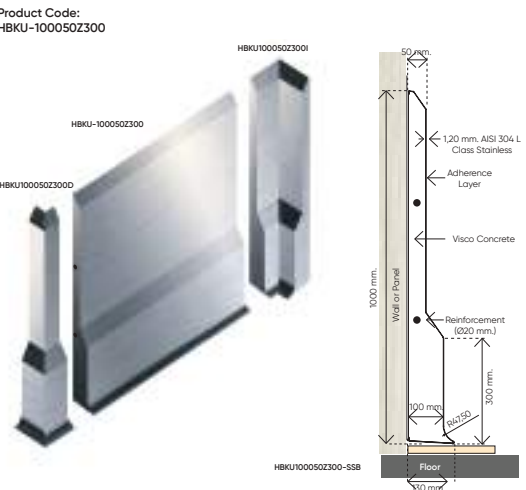
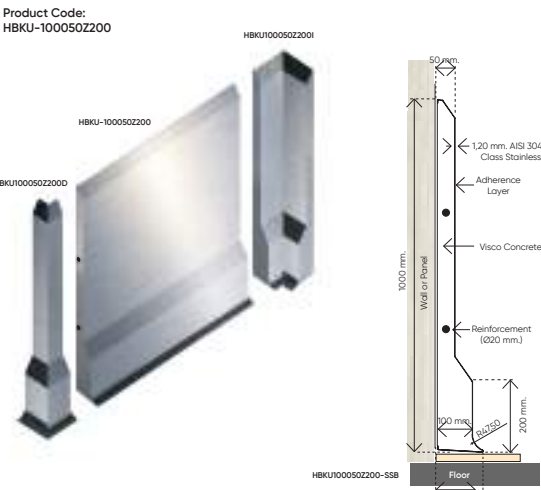




Hygienic Border Stainless Steel Panel Protector



Hygienic Border Stainless Steel Panel Protector



These products can be fixed to the floor with anchoring system.

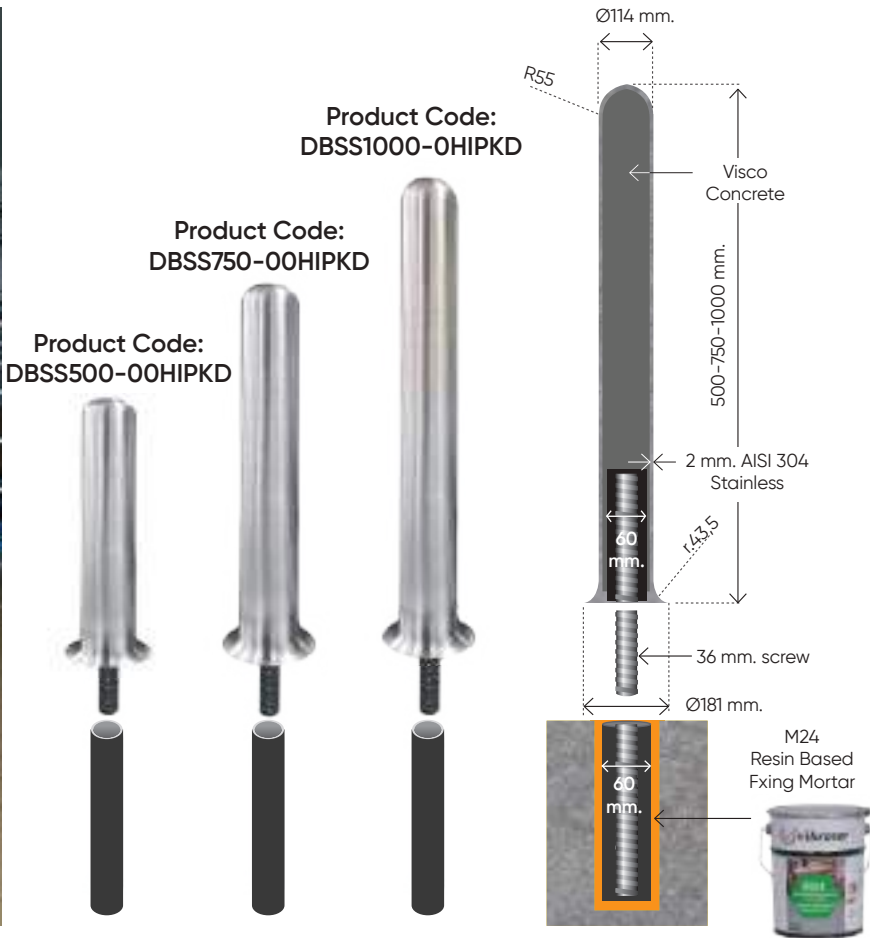


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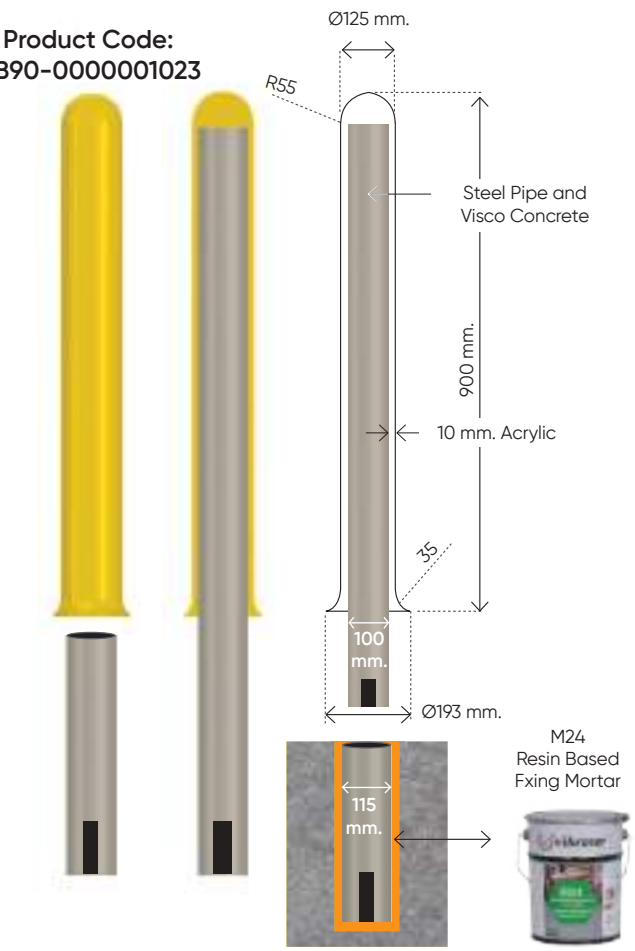
# Hygienic Stainless Steel Safety Post (Bollard)

**Hygienic Stainless Steel Safety Post (Bollard)** ensures protection against impacts and crashes where needed. Including doors, walls, and columns. Due to its tube form and radial shape at the bottom, it reduces bacterial growth, easy-to-clean. On the surface bollard is covered by 2 mm. thickness AISI 304 or 316 class stainless steel and inside is filled by special polymer or visco- concrete. It can be installed by screwing system and it is easily fixed with "M24" Resin Based Fixing Mortar.



# Hygienic Acrylic Safety Post (Bollard)

Product Code: DB90-0000001023



**Safety Post (Bollard)** ensures protection against impact and crashes where needed, including doors, walls, and columns. Due to its tube form and radial shape at the bottom, it reduces bacterial growth, easy-to-clean. These products allow for applications with double steel pipe and screwed system and it is easy-to-fixed with "M24" Resin Based Fixing Mortar. Due to its flexible acrylic surface, it can absorb light impacts, reduce medium impact forces and prevents damage to your valuable equipment.



Products are glass fiber free for human health and food safety.





## Stainless Steel Drain Systems

The drain systems, siphons, drain channels and frame profiles for siphon and channel protection are producing with AISI 304 or AISI 316 class stainless steel materials. These profiles can be produced in standards or in according to your project.

For more information; [vibroser.com](http://vibroser.com)



## Work Safety Directional Signs

Work safety directional signs show directions for a long time with the stored energy in all areas such as factories, schools, cinemas, subways, etc. in case of sudden power outages.

Product Code: YT01-CKSIGYT000



Product Code: YT02-EXTIGYT000



Product Code: YT03-SRTIGYT000



Product Code: YT04-PBXIGYT000



Product Code: YT05-SLDIGYT000



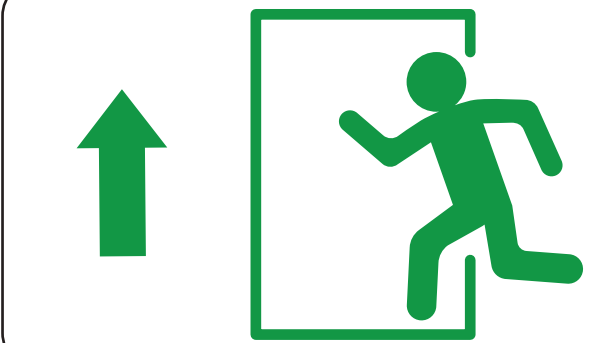
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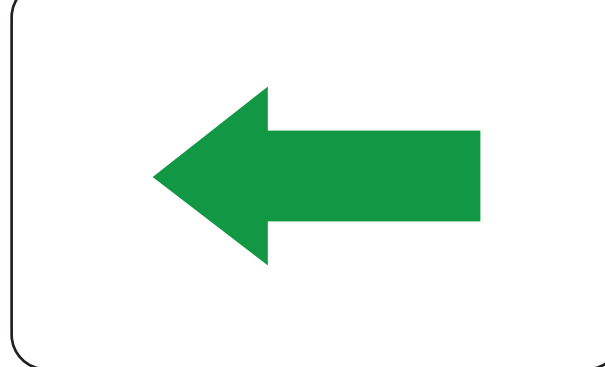
Product Code: YT07-SAGIGYT000



Product Code: YT08-DUZIGYT000



Product Code: YT09-SOLIGYT000







[vibroser.com](http://vibroser.com) • [info@vibroser.com](mailto:info@vibroser.com)

