

ACIKER PLUS





PORCELÁNICO
PORCELAIN



ESMALTADO
GLAZED



Características dimensionales
Dimension tolerance

<1% / <0,6 mm
máx 2 mm.



Absorción de agua
Water absorption

E≤0,5%



Coef. Dilatación térmica lineal
Linear thermal expansion coefficient

5,8x10⁻⁶ xC⁻¹



Resistencia a la flexión
Breaking Strength

>43 N/mm²



Resistencia a la abrasión superficial
Resistance to surface abrasion

Rojo/Gris :PEI 2
Natural: PEI 4



Resistencia a las manchas
Resistance to stains

clase 5
class 5



Pendulo (CTE)
Not required out of Spain

clase 3
class 3



A pie descalzo
Barefoot slip resistance

C



A pie calzado
Slip resistance with footwear

Liso: R10
Ranurado: R11
Celdillas: R12



Coeficiente fricción dinámico (DCOF)
Dynamic coefficient of friction

0,82



Resistencia al cuarteo
Crazing resistance

si/yes



Resistencia a la helada
Frost resistance

✓



Resistencia al choque térmico
Resistance to thermal shock

✓



Resistencia química
Chemical resistance

✓

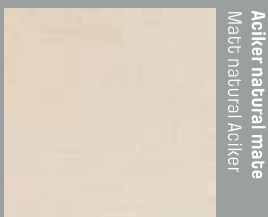
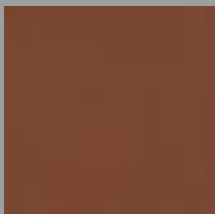
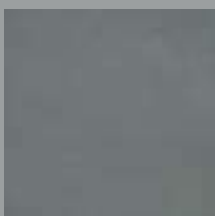
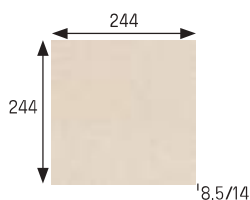


Antibacteriano
Antibacterial

R>2
Reducción
antibacteriana
>99 %

ACIKER PLUS

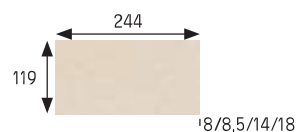
Colores / Colors

Aciker natural mate
Matt natural AcikerAciker Rojo mate
Matt red AcikerAciker Gris mate
Matt grey Aciker**Base 25x25** Tile 25x25 8,5 mm.**Aciker natural mate** Matt natural Aciker Cod. 900795 · [MC405]**Aciker Rojo mate** Matt red Aciker Cod. 903306 · [MC615]**Aciker Gris mate** Matt grey Aciker Cod. 903311 · [MC505]**Base 25x25** Tile 25x25 14 mm.**Aciker natural mate** Matt natural Aciker Cod. 901861 · [MC565]

[244x244x8,5/14 mm.]

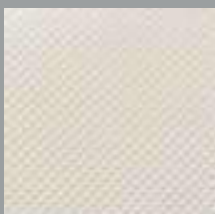
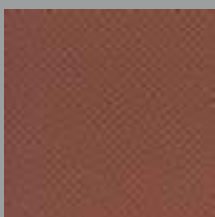
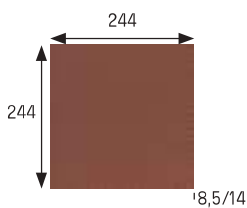
Base 25x50 Tile 25x50**Aciker natural mate** / Matt natural Aciker Cod. 904501 · [MC440]**Aciker gris mate** / Matt grey Aciker Cod. 904502 · [MC470]

[244x494x8,5 mm.]

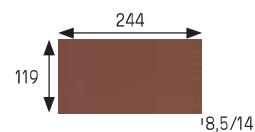
Base 12x25 Tile 12x25 8 mm.**Aciker natural mate** Matt natural Aciker Cod. 904021 · [MC405]**Base 12x25** Tile 12x25 8,5 mm.**Aciker Rojo mate** Matt red Aciker Cod. 903305 · [MC615]**Aciker Gris mate** Matt grey Aciker Cod. 903310 · [MC505]**Base 12x25** Tile 12x25 14 mm.**Aciker natural mate** Matt natural Aciker Cod. 901863 · [MC565]**Aciker Rojo mate** Matt red Aciker Cod. 901864 · [MC675]**Aciker Gris mate** Matt grey Aciker Cod. 901865 · [MC645]**Base 12x25** Tile 12x25 18 mm.**Aciker natural mate** Matt natural Aciker Cod. 901867 · [MC690]

[244x119x8,5/14/18 mm.]

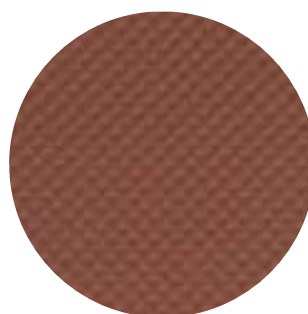
Colores / Colors

Celdillas Aciker Natural mate
Cell Matt Natural AcikerCeldillas Aciker Rojo Mate
Cell Matt Red AcikerCeldillas Aciker Gris Mate
Cell Matt Grey Aciker**Celdillas 25x25** Cell 25x25 8,5 mm.**Aciker natural mate** / Matt natural Aciker Cod. 900610 · [MC490]**Aciker Rojo mate** Matt red Aciker Cod. 903308 · [MC625]**Aciker Gris mate** Matt grey Aciker Cod. 903313 · [MC540]**Celdillas 25x25** Cell 25x25 14 mm.**Aciker natural mate** / Matt natural Aciker Cod. 901862 · [MC600]

[244x119x8,5/14 mm.]

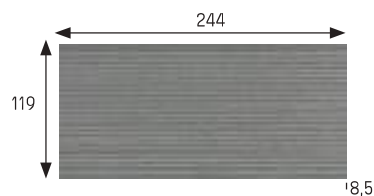
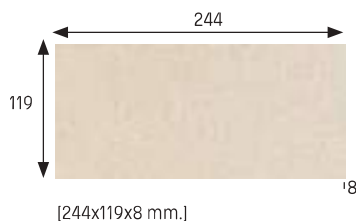
Celdillas 12x25 Cell 12x25 8,5 mm.**Aciker Natural** Natural Aciker Cod. 900684 · [MC490]**Aciker Rojo mate** Matt red Aciker Cod. 903307 · [MC625]**Aciker Gris mate** Matt grey Aciker Cod. 903312 · [MC540]**Celdillas 12x25** Cell 12x25 14 mm.**Aciker natural mate** / Matt natural Aciker Cod. 901866 · [MC600]

[244x119x8,5/14 mm.]

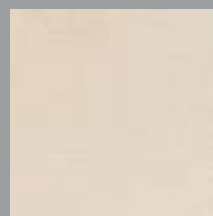


Ranurado Grooved**Aciker natural mate** Matt natural Aciker Cod. 900694 · [MC550]**Aciker Gris mate** Matt grey Aciker Cod. 903721 · [MC565]

[244x119x8,5 mm.]

**Ranurado Aciker Natural mate**
Grooved Matt Natural Aciker**Ranurado Aciker Gris mate**
Grooved Matt grey Aciker**Aciker brillo** Glossy Aciker**Base 12x25** Tile 12x25 8 mm.**Aciker natural brillo** Glossy natural Aciker Cod. 904002 · [MC405]**Aciker Gris brillo** Glossy grey Aciker Cod. 904001 · [MC505]

[244x119x8 mm.]

Colores / Colors**Aciker natural brillo**
Glossy natural Aciker**Aciker Gris brillo**
Glossy grey Aciker

	Espesor (mm) Thickness (mm)	U.M.*	U.M./caja U.M./box	U.M./Palet U.M./Pallet	Pzs./U.M. Pcs./U.M.	Pzs./caja Pcs/box	Kg./U.M. Kg./U.M.	Kg./caja Kg./box	Kg./Palet Kg./Pallet
Aciker 25x25 8,5 mm	8,5	m² sqm	1,69	67,5	16	27	19,5	33	1320
Aciker 25x25 14 mm	14	m² sqm	1	40	16	16	30,4	30,4	1216
Aciker 12x25 8 mm	8	m² sqm	1,06	85	32	34	16,37	17,4	1392
Aciker 12x25 8,5 mm	8,5	m² sqm	1	80	32	32	18,2	18,2	1459
Aciker 12x25 14 mm	14	m² sqm	0,59	47,5	32	19	30,7	18,2	1460
Aciker 12x25 18 mm	18	m² sqm	0,47	37,5	32	15	38,7	18,2	1452
Celdillas 25x25 8,5 mm Cell 25x25 8,5 mm	8,5	m² sqm	1,69	67,5	16	27	17,6	29,7	1189
Celdillas 25x25 14 mm Cell 25x25 14 mm	14	m² sqm	1	40	16	16	30,4	30,4	1216
Celdillas 12x25 8,5 mm Cell 12x25 8,5 mm	8,5	m² sqm	1	80	32	32	18,4	18,4	1469
Celdillas 12x25 14 mm Cell 12x25 14 mm	14	m² sqm	0,59	47,5	32	19	30,7	18,2	1459
Ranurado 12x25 Grooved 12x25	8,5	m² sqm	1	80	32	32	16,6	16,6	1331

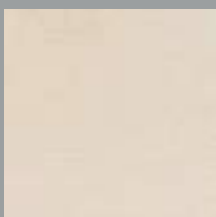
*Unidad de Medida. Los artículos medidos en M² o ML se sirven contando la junta normal entre piezas

*Unit of measure. Items measured in SQM or LM are delivered assuming average joint between pieces

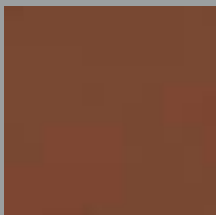
ACIKER PLUS

Piezas especiales Special pieces

Colores / Colors



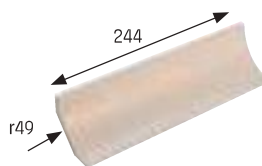
Aciker natural mate
Matt natural Aciker



Aciker Rojo mate
Matt red Aciker



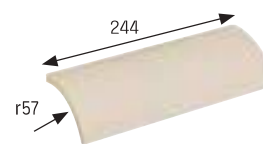
Aciker Gris mate
Matt grey Aciker



Media caña interior
Internal radial tile

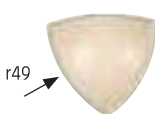
Natural mate / Matt natural
Rojo mate / Matt red
Gris mate / Matt grey

Cod. 900683 · [P2075]
Cod. 903817 · [P2085]
Cod. 902632 · [P2085]
[244x57mm.]



Media caña exterior
External radial tile

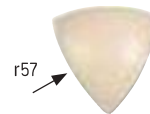
Cod. 900699 · [P2075]
Cod. 903820 · [P2085]
Cod. 903757 · [P2085]
[244x57 mm.]



Escocia interior
Round internal mitre

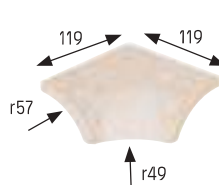
Natural mate / Matt natural
Rojo mate / Matt red
Gris mate / Matt grey

Cod. 900690 · [P2270]
Cod. 903819 · [P2280]
Cod. 901608 · [P2280]



Escocia exterior
Round external mitre

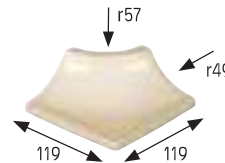
Cod. 900691 · [P2270]
Cod. 903822 · [P2280]
Cod. 903763 · [P2280]



Esq. media caña interior
Internal mitre

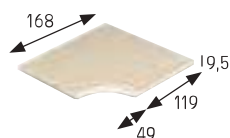
Natural mate / Matt natural
Rojo mate / Matt red
Gris mate / Matt grey

Cod. 900698 · [P2320]
Cod. 903818 · [P2335]
Cod. 901607 · [P2335]
[119x119 mm.]



Esq. media caña exterior
External mitre

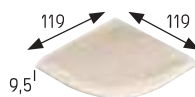
Cod. 900697 · [P2320]
Cod. 903821 · [P2335]
Cod. 903769 · [P2335]
[119x119 mm.]



Esq. int. canto romo
Bullnose int. corner

Natural mate / Matt natural
Rojo mate / Matt red
Gris mate / Matt grey

Cod. 900693 · [P2330]
Cod. 903825 · [P2350]
Cod. 901712 · [P2350]
[168x168x9,5 mm.]



Esq. ext. canto romo
Bullnose external corner

Cod. 900696 · [P2330]
Cod. 903824 · [P2350]
Cod. 901713 · [P2350]
[119x119x9,5 mm.]



Canto romo
Bullnose

Cod. 900687 · [P2055]
Cod. 903823 · [P2080]
Cod. 901711 · [P2080]
[244x119x9,5 mm.]



Laboratorio industrial | Industry laboratory

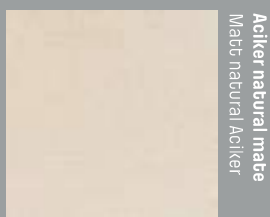
	Espesor (mm) Thickness (mm)	U.M.*	U.M./caja U.M./box	U.M./Palet U.M./Pallet	Pzs./U.M. Pcs./U.M.	Pzs./caja Pcs/box	Kg./U.M. Kg./U.M.	Kg./caja Kg./box	Kg./Palet Kg./Pallet
Media caña interior Internal radial tile	-	Pz. Pc.	24	1728	1	24	0,5	12,2	881
Media caña exterior External radial tile	-	Pz. Pc.	27	1944	1	27	0,41	11,1	797
Escocia interior Round internal mitre	-	Pz. Pc.	24	-	1	24	0,1	1,9	-
Escocia exterior Round external mitre	-	Pz. Pc.	24	-	1	24	0,1	1,9	-
Esq. media caña int. Internal mitre	-	Pz. Pc.	4	-	1	4	0,33	1,3	-
Esq. media caña ext. External mitre	-	Pz. Pc.	4	-	1	4	0,33	1,3	-
Esq. int. canto romo Bullnose int. corner	9,5	Pz. Pc.	4	-	1	4	0,48	1,9	-
Esq. ext. canto romo Bullnose ext. corner	9,5	Pz. Pc.	4	-	1	4	0,25	1	-
Canto romo Bullnose	9,5	Pz. Pc.	27	1944	1	27	0,57	15,39	1108

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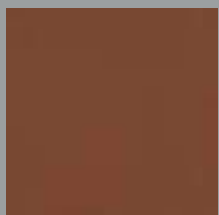
ACIKER PLUS

Piezas especiales Special pieces

Colores / Colors



Aciker natural mate
Matt natural Aciker



Aciker Rojo mate
Matt red Aciker



Aciker Gris mate
Matt grey Aciker

Angulo desigual Angle different sides

Natural mate / Matt natural Cod. 901270 · [PZ210]

Rojo mate / Matt red Cod. 903801 · [PZ235]

Gris mate / Matt grey Cod. 903802 · [PZ330]



[244x119x39,2 mm.]

Rodapié radio 33 Skirting board radius 33

Natural mate / Matt natural Cod. 903254 · [PZ080]

Rojo mate / Matt red Cod. 901740 · [PZ110]

Gris mate / Matt grey Cod. 902477 · [PZ110]



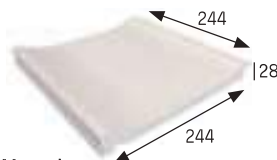
[244x120x42 x8,5 mm.]

Canaleta ranurada 25* Grooved channel 25

Natural mate / Matt natural Cod. 901986 · [PZ340]

Rojo mate / Matt red Cod. 903806 · [PZ355]

Gris mate / Matt grey Cod. 903807 · [PZ355]



[244x244 mm.]

* Disponible Canaleta con desagüe

* Available Overflow channel with drainage

Canaleta Overflow channel

Natural mate / Matt natural Cod. 900659 · [PZ125]

Rojo mate / Matt red Cod. 903339 · [PZ200]

Gris mate / Matt grey Cod. 903340 · [PZ180]



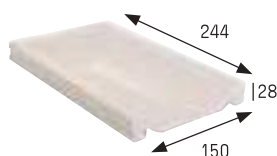
[244x150mm.]

Final de canaleta** End channel piece**

Natural mate / Matt natural Cod. 903640 · [PZ375]

Rojo mate / Matt red Cod. 903637 · [PZ455]

Gris mate / Matt grey Cod. 903636 · [PZ420]



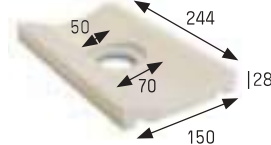
[244x150 mm.]

Canaleta con desagüe Drainage overflow channel

Natural mate / Matt natural Cod. 900660 · [PZ150]

Rojo mate / Matt red Cod. 903343 · [PZ215]

Gris mate / Matt grey Cod. 903344 · [PZ195]



[244x150 mm.]

Rinconera Angle

Natural mate / Matt natural Cod. 903255 · [PZ075]

Rojo mate / Matt red Cod. 903808 · [PZ085]

Gris mate / Matt grey Cod. 903632 · [PZ085]



[244x42 mm.]

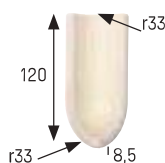
Esquina interior rinconera rodapié

Skirting board angle

Natural mate / Matt natural Cod. 903257 · [PZ350]

Rojo mate / Matt red Cod. 903810 · [PZ355]

Gris mate / Matt grey Cod. 902479 · [PZ355]



[120x8,5 mm.]

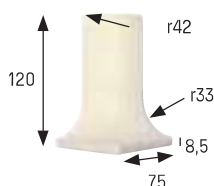
Esquina exterior cantonera rodapié

Skirting board edging

Natural mate / Matt natural Cod. 903258 · [PZ350]

Rojo mate / Matt red Cod. 903814 · [PZ355]

Gris mate / Matt grey Cod. 902478 · [PZ355]



[120x75mm.]

Cantonera Edging

Natural mate / Matt natural Cod. 903256 · [PZ075]

Rojo mate / Matt red Cod. 903812 · [PZ085]

Gris mate / Matt grey Cod. 903631 · [PZ085]



[244x42 mm.]



Instalación industrial | Industrial facility

	Espesor (mm) Thickness (mm)	U.M.*	U.M./caja U.M./box	U.M./Palet U.M./Pallet	Pzs./U.M. Pcs./U.M.	Pzs./caja Pcs/box	Kg./U.M. Kg./U.M.	Kg./caja Kg./box	Kg./Palet Kg./Pallet
Ángulo desigual Angle different sides	-	Pz. Pc.	8	576	1	8	0,97	7,7	559
Rodapié radio 33 Skirting board radius 33	8,5	Pz. Pc.	10	720	1	10	0,86	8,6	619
Canaleta ranurada 25 Drainage overflow channel	-	Pz. Pc.	4	72	1	4	2,10	8,4	620
Canaleta Overflow channel	-	Pz. Pc.	11	704	1	11	1,32	14,5	930
Final de Canaleta End channel piece	-	Pz. Pc.	**	-	1	**	1,32	**	-
Canaleta desagüe Drainage overflow channel	-	Pz. Pc.	11	-	1	11	1,3	14,5	-
Rinconera Angle	8,5	Pz. Pc.	32	2304	1	32	0,33	10,56	760,32
Esquina interior rinconera rodapié Interior skirting board angle	8,5	Pz. Pc.	6	-	1	6	0,16	0,96	-
Esquina exterior cantonera rodapié Exterior skirting board edging	8,5	Pz. Pc.	4	-	1	4	0,24	0,96	-
Cantonera Edging	8,5	Pz. Pc.	40	2880	1	40	0,29	11,60	835,20

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**** Consultar datos de embalaje con fábrica**
**** Ask factory for packing information**

Tratamiento antibacteriano.

Antibacterial treatment.

Solución integrada para conseguir un nivel mayor de higiene.

Aditivos basados en tecnología de última generación.

Protección duradera de superficies.

Alta efectividad contra organismo patógenos oportunistas implicados en enfermedades adquiridas/hospitalarias.

Diferenciación y Producto de valor añadido.

OBJETIVO DEL TRATAMIENTO:

Las bacterias son microorganismos que se encuentran y reproducen en nuestro entorno, y en el interior de los seres vivos.

Nuestra finalidad es Ofrecer al cliente un producto antibacteriano, que le proteja de la vulnerabilidad a las reacciones por una contaminación de microorganismos en zonas industriales, restaurantes, Playas de piscinas, vestuarios, hospitales, ambulatorios, centros de Rehabilitación y tercera Edad.

El estudio y objetivo de Gres Aragón, ha sido obtener un pavimento vitreo con propiedades bactericidas y fungicidas, que no requieran la incidencia de radiación UV y por lo tanto se puedan utilizar tanto en exteriores como interiores, con luz natural, artificial y en plena oscuridad.

COMO FUNCIONA:

La tecnología aplicada inhibe el crecimiento de bacterias, hongos y levaduras, obteniendo a su vez, un producto eficaz contra olores y manchas. Este sistema crea una sinergia fuerte entre ambos materiales dando eficiencia y durabilidad.

El tratamiento se aplica en su proceso de fabricación antes de cocción. Esta composición reacciona en la cocción del pavimento sin alterar sus características ni tonos.

Para ello se emplean componentes de arcillas purificadas y modificadas como transportadores de compuestos antimicrobianos.

EL componente principal es la plata, siendo un agente antimicrobiano de amplio espectro y multiespecífico , cuya actividad ha sido probada frente a gran variedad de microorganismos (bacterias y hongos) oportunistas y patógenos como son E. coli, Legionella sp, Pseudomonas, Salmonella, S. aureus, Etc.

Esta composición con propiedad oligodinámica ejerce una acción sobre los microorganismos impidiendo su crecimiento y eliminándolos. (Efecto Antibacteriano)

ENSAYOS DE EFECTIVIDAD ANTIMICROBIANA:

La actividad antimicrobiana se evalúa mediante el protocolo estándar sobre efectividad antimicrobiana de superficies. Norma JIS Z-2801:2010 (ISO 22196)

Esta norma determina la actividad y eficacia antimicrobiana de productos antimicrobianos en superficies utilizando dos bacterias: Staphylococcus aureus y Escherichia coli.

La actividad antimicrobiana se determina comparando los resultados obtenidos entre la muestra tratada y la muestra control, después del tiempo de contacto determinado (24 horas a una temperatura óptima para el crecimiento del microorganismo seleccionado) y posterior cultivo. De esta forma, se obtendrá el valor de la actividad antimicrobiana.

La norma indica el parámetro R, índice de eficacia bactericida, que debe ser superior a $R > 2$ para considerar que la superficie es bactericida lo que equivale a una reducción del 99% de las bacterias.

PURPOSE OF THE TREATMENT:

Bacteria are microorganisms that inhabit and breed inside living beings and in the environments in which we live.

We aspire to offer customers an antibacterial product that protects them from possible reactions to contamination by microorganisms in industrial areas, restaurants, poolside areas, dressing rooms, hospitals, health and rehabilitation centres and old people's homes.

Gres Aragón has striven to develop an antibacterial, anti-fungal vitreous flooring that requires no ultra-violet ray treatment which can therefore be used both indoors and out, with natural or artificial light or in total darkness.

HOW IT WORKS:

The applied technology inhibits the growth of bacteria, fungus and yeast, while also ensuring odour and stain resistant protection. Strong synergies are generated between both materials, ensuring efficiency and durability.

The treatment is applied during the manufacturing process, prior to firing. The formulation reacts when the floor tiles are fired, without altering their properties or colours in any way.

For this purpose, components of purified modified clays are used to transport the antimicrobial compounds.

The main component that is used is silver: a multi-specific broad-spectrum microbial agent of proven efficacy against a wide variety of opportunistic microorganisms and pathogens (bacteria and fungus), such as E. coli, Legionella sp, Pseudomonas, Salmonella, and S. aureus.

This oligodynamic formulation acts on microorganisms, preventing their growth and eliminating them. (Antibacterial effect).

ANTIMICROBIAL TESTS:

Antimicrobial activity is assessed using the standard test of the efficacy of surface-bound antibacterial products. The JIS Z-2801:2010 standard (ISO 22196).

This standard determines the antimicrobial activity and efficacy of surface-bound anti-microbial products, using two bacteria: Staphylococcus aureus and Escherichia coli.

Antimicrobial activity is determined by comparing the results of a treated sample and control sample after a specific contact period (24 hours at an optimum temperature for the growth of the chosen microorganism) and their subsequent incubation. In this way, a value for antimicrobial activity is obtained.

The standard indicates the necessary R parameter, the indicator of antibacterial efficacy. This must be higher than $R > 2$ for the surface to be deemed to have antibacterial properties. This is equivalent to a 99% reduction in bacteria.



A global solution aimed at guaranteeing greater hygiene levels.

Additives developed using cutting-edge technology.

Long-lasting protection of surfaces.

Highly effective against opportunistic pathogens caused by acquired or hospital-borne illnesses.

Differentiation. A product with added value.