



Data-sheet

Wall protection sheet **CS Acrovyn® Bactericide**

version 3 | 2017

The only bactericidal wall protection on the market

Nosocomial infections are one of the most serious problems for the health sector. To help combat this threat CS France has developed Acrovyn®Bactericide, a novel material that pro-actively kills bacteria through surface contact alone.

Acrovyn®Bactericide is the only wall cladding material on the market that has been certified to be bactericide following the exigent European ISO norm 22196 and is the ideal solution for areas with highest hygienic requirements.

CHARACTERISTICS



Acrovyn® Colours



Acrovyn® Bactericide



B-s2,d0 Fire rated



M1 Fire rated



Medium Duty



DIMENSIONS

1300 x 3000 x 2 mm

WORLD NOVELTY

Escherichia Coli



Activity in log: 5,4 log

Inhibition: 100%

Survival: 0%

Classification: **Bactericidal**

Staphylococcus aureus



Activity in log: 5,1 log

Inhibition: 100%

Survival: 0%

Classification: **Bactericidal**

Mycobacterium smegmatis



Activity in log: >5 log

Inhibition: 100%

Survival: 0%

Classification: **Bactericidal**

SARM



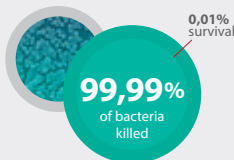
Activity in log: 3,92 log

Inhibition: 99,99%

Survival: 0,01%

Classification: **Bacteriostatic**

Salmonella Enteridis



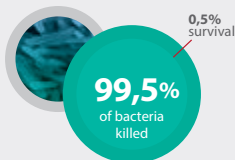
Activity in log: 4,1 log

Inhibition: 99,99%

Survival: 0,01%

Classification: **Bacteriostatic**

Listeria monocytogenes



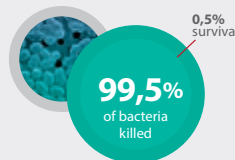
Activity in log: 2,661 log

Inhibition: 99,5%

Survival: 0,5%

Classification: **Bacteriostatic**

Enterococcus sp.



Activity in log: 2,28 log

Inhibition: 99,5%

Survival: 0,5%

Classification: **Bacteriostatic**

Interpretation of ISO 22196 test results

The norm ISO 22196 describes a standard method for measuring the bactericidal properties of plastic surfaces but does not offer any interpretation of the results.

Biocide product norms such as EN 1040 can be used to interpret the bactericidal activity determined by ISO 22196:

bactericide: 5 or higher
bacteriostatic: between 5 and 1
inactive: lower than 1



MORE INFORMATION: www.c-sgroup.eu/?p=7300

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Product description

Supply and installation of the **Acrovyn® Bactericide wall protection sheet** from **CS France**, with 2 mm mm thickness and a maximum size of 1300 x 3000 mm or cut to any custom size.

The sheet is fixed to the wall with contact glue or double sided adhesive tape.

Acrovyn® Bactericide possesses **excellent scratch resistance and outstanding shock absorbcency** properties, has a finely grained or optionally smooth surface, is non-porous and dyed through.

Following the ISO Norm 22196, the bactericidal activity of the Acrovyn® Bactericide surface **has been certified to be bactericide** for *Staphylococcus Aureus*, *Escherichia Coli* and *Mycobacterium smegmatis* (with an bactericidal inhibition of at least 10⁵ (> 99.999%) with respect to an inactive control). Test reports can be provided upon request.

Acrovyn® Bactericide wall protection sheet has been **fire rated B-s2, d0** in compliance with the European norm NF 13501-1. Test reports can be provided upon request.

Following the European norm NF EN ISO 1716 the **Higher Heating Value (HHV)** was been determined to be **17,828 MJ/kg**. Test reports can be provided upon request.

Acrovyn® Bactericide wall protection sheet was tested on **indoor VOC emissions** (indoor volatile organic compounds emissions) and **certified with A+**. Test reports can be provided upon request.

Acrovyn® Bactericide wall protection sheet is **inert, non contaminant and can be 100% recycled**.

Acrovyn® Bactericide wall protection sheets are being **manufactured in compliance with the European Directive 2002/95 / EC or RoHS**.

The following accessories and options are available: 45° or rounded bevel cut, superior finishing trim in Acrovyn® or brushed aluminium, vertical trim, Acrovyn® plinth with flexible lip and factory applied adhesive strips for quick and easy installations and factory cutting to any desired custom size.

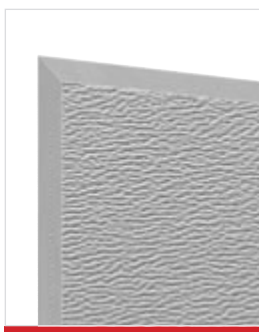
The manufacturer CS France offers a choice of **5 standard solid colours**.



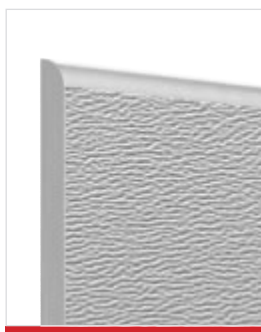
Components and accessories



Acrovyn® Bactericide sheets are available with a finely grained surface texture (5 colours) or smooth finish (snow white 9003) and in standard sizes of 1300 x 3000 x 2 mm.



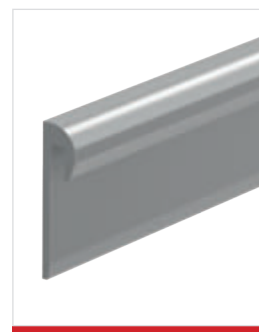
45° edge bevelling



Round edge bevelling



Upper finishing trim in Acrovyn®



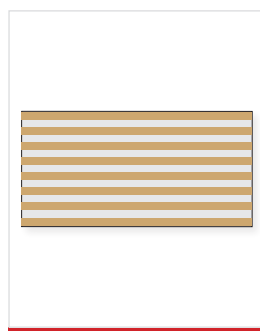
Upper finishing trim in brushed Aluminium



Vertical trim in Acrovyn®



Acrovyn® plinth CB 100 with flexible lip



Factory applied adhesive strips for effortless on-site mounting



Factory cut to any custom size

Colour range

Colour sample service

The colour representations on this chart might not be exact and can deviate from the real colours.

For best results we recommend to make your colour choice based on real samples.

Please contact our Customer Services Department or local distributor.

