



Basic cleaning and coating:

Bargain weeks at Buzil for specialist wholesaler until 31.08.2016

AS CLEAN AS A WHISTLE AND EXCELLENT FOR YOUR PIGGY BANK.

Make the most of our bargain weeks and put your very own product package together. Secure your bonus – it's worth ordering fast: For every full pallet ordered containing a maximum of 2 of our basic cleaning and floor coating products – the division of the products is irrelevant – you will receive a bargain weeks credit note from us.



PERIOD 1: € 180 – per pallet
valid from 01.08.2016 to 31.08.2016

PERIOD 2: € 150 – per pallet
valid from 01.08.2016 to 31.08.2016

PERIOD 3: € 120 – per pallet
valid from 01.08.2016 to 31.08.2016

BASIC CLEANING:

- Buzil® Basic Cleaner S 708
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FLOOR COATING:

- Buzil® Floor Coating S 708
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High-performance basic cleaner.

WITH CORRIDOR® POWER STRIPPER WE CAN TACKLE ANY COATING!

Floor coverings in buildings are continuously subjected to the highest stresses: dirt from the street, moisture and rubber abrasion just to name a few. However, to remain in top condition both visually and functionally for many years, they need individual care and high-performance products. BUZIL HAS THE SOLUTION! With the CORRIDOR® POWER STRIPPER S 708 basic cleaner, you can break down any coating quickly and effectively! (With the exception of permanent coatings)

To match this, in the system we also offer the coating product perfectly suited to your requirements. After all, measures such as basic cleaning and coating can play a significant role in terms of maintaining value, and with the right products you can save additional time and money.



Basic cleaning and coating

Bargain weeks at Buzil

Tips & Tricks

Porcelain stoneware cleaning

High performance basic cleaner

Corridor® Power Stripper S 708

Sanitary cleaner duo

Without hazardous classification

Basis for the use of disinfectants

Specialist article by Dr. Bernd Sonnberger in the Health Care Management magazine

Budenat®

Disinfection portfolio



Tips & Tricks: Porcelain stoneware cleaning with the Buzil all-in-one system.

GREYNESS AND DIRTY PORES ARE A THING OF THE PAST.

Do you struggle with the daily challenges of cleaning your porcelain stoneware and safety tiles? With the Buzil cleaning system, you remain in control of routine, intensive and basic cleaning of porcelain stoneware floors. Because powerful cleaning with small quantities saves time and money!

Porcelain stoneware tiles are microporous, fine-rough, partially glazed, high-gloss finished stoneware tiles with very low water absorbency. The raw materials are very finely ground, sieved and, with the addition of water, placed into moulds at a pressure of approx. 400 bar. After the moulds, the tiles are dried at 200°C–300°C, making sure that drying does not occur too quickly in order to avoid spalling and cracks. The tiles are then burned at a temperature of approx. 1350°C until they are sintered. They are available unglazed, glazed or polished in a wide variety of shapes, colours and designs. Stone, wood, cork etc. are often copied remarkably realistically. Porcelain stoneware tiles are hard and resistant to many chemical cleaning agents. However, the tiles have a microporous surface. The finest dirt particles and lime can get into these micropores and collect there, which leads to greying of the tile surface.

Modern microfibres are particularly well suited for optimum cleaning of porcelain stoneware tiles. For mechanical basic and intensive cleaning, the Erol® system combined with microfibre pads is the ideal method. The alkaline special cleaner Erol® G 490 quickly and easily dissolves even the toughest organic and inorganic dirt, such as oil, grease and protein. The acidic special cleaner Erolcid® G 491 completely removes all lime, cement and rust deposits from porcelain stoneware and safety tiles. Used in the system with Erol® G 490, a perfect cleaning result is achieved. Both products are foam-inhibited and can therefore be used without any problems with single-disk or scrubber drier machines. Erol® G 490 and Erolcid® G 491 are each RK-listed.

The surfactant-free cleaners O Tens G 500 and O Tens Azid G 501 are used for routine cleaning. O Tens G 500 is a citrate-based alkaline cleaner. With its spontaneous cleaning action, it removes all common types of dirt without leaving any residues and does so from a dosage of just 20 ml/10 l water.

With regular application, the acidic cleaner O Tens Azid G 501 removes calcareous and mineral dirt on all porcelain stoneware and safety tiles without leaving any surfactant residues. Greying can therefore be sustainably avoided. Both products are foam-inhibited and can be used with cleaning machines. As system products, O Tens G 500 and O Tens Azid G 501 are the ideal solution for routine cleaning of all porcelain stoneware tiles. For interval cleaning, it is recommended to use O Tens Azid G 501 once after every fourth cleaning cycle with O Tens G 500. This prevents lime scale build up, which reduces re-soiling and means that basic cleaning intervals can be extended.





Efficient daily routine cleaning. Without hazardous classification!



HIGH PERFORMANCE SANITARY CLEANER IN DOUBLE PACK!

The new Bucasan® Sanibond G 457 and Bucasan® Saniflow G 458 products are acidic high-performance sanitary cleaners without hazardous classification for daily routine cleaning in any wet areas. Thanks to a powerful combination of particularly effective surfactants and acids, both cleaners remove soiling that is specific to sanitary systems, such as limescale, dirt and soap residue. Bucasan® Sanibond and Bucasan® Saniflow differ in terms of their viscosity. Whereas Bucasan® Saniflow G 458 can be used on all conventional surfaces, the Bucasan® Sanibond G 457 sanitary cleaner has a longer duration of action and dwell time, making it ideal for use on vertical surfaces.



Basis for the use of disinfectants

Constantly practised and often unknowingly – the use of disinfectants in daily life at clinics and nursing homes.

Can you remember all the areas of effectiveness or even the standards for evaluation and selection of the appropriate chemical? Dr. Bernd Sonnberger from Buzil recalls the most important facts.

Chemical, microbiological and legal bases for the use of disinfectants are often disregarded in day-to-day life. Into which effective areas are disinfectants classified, what active ingredients do they contain and when is each disinfectant used? What laws must be observed? First of all, it is vital to describe the overall effectiveness of disinfectants. This is generally tested with representative test bacteria, and the effective spectrum against other types of pathogen is derived using their phylogenetic relationships to the test bacteria. The following areas of effectiveness can be distinguished:

- **Fungicidal:** against fungi and yeasts
- **Yeasticidal:** against yeasts
- **Bactericidal:** against bacteria (except mycobacteria and spore formers)
- **Mycobactericidal:** against mycobacteria including TBC
- **Tuberculocidal:** against TBC
- **Sporicidal:** against spore formers
- **Virucidal:** against viruses; difference: full (effective against enveloped and non-enveloped viruses) and limited effectiveness (only effective against enveloped viruses)



With bactericidal effects, the proven effectiveness extends without restriction to the antibiotic-resistant bacteria (e.g. MRSA). This is because, unlike antibiotics, disinfectants do not affect metabolic steps, but destroy the bacteria in a chemical reaction. Changes in metabolic processes caused by mutations, which lead to formation of resistance against antibiotics are ineffective against disinfectants. The table provides an overview of the effectiveness of commonly used active ingredients. When comparing the individual substances, it is apparent that the quaternary ammonium compounds, which are widely used due to their material compatibility and application safety, only have a limited effective area. Besides the bacteria most important for daily hygiene, this area of effectiveness also includes pathogens from hospital-acquired infections. The composition is not intended as a substitute for the determination of a preparation for a specific application area.

HOW IS TESTING CARRIED OUT? Antimicrobial efficacy is strongly correlated with not only the organisms being combated, but also with the intended application area (medical, veterinary, comestible, industrial, institutional, domestic) and the objects actually being disinfected (hands, equipment, surfaces). As the conventional methods for their examination are often different in the individual countries (e.g. with regard to the test conditions and test strains used), universally applicable test standards were developed within the framework of the standardised European legislation (see below). These are divided into different categories according to the underlying experimental effort and the significance:

Phase 1: Simple laboratory tests in the test tube (quantitative suspension tests) to confirm the fundamental effectiveness without taking into account the intended application. They are for guidance only and do not serve as application recommendations.

EFFECTIVENESS OF ACTIVE INGREDIENTS IN DISINFECTANT

Active ingredients/ effect	bactericide	fungicide	Mycobac- tericide	sporicide	virucide	Limited virucidal effect
Alcohols	+	+	+	-	-	+
Aldehydes	+	+	+	+	(+)	+
Peroxides	+	+	+	+	+	+
Chlorine compounds	+	+	+	+	+	+
Phenols	+	(+)	+	-	-	(+)
Amines	+	+	+	-	-	+
Quaternary ammonium compounds	(+)	+	-	-	-	+

- Not effective, (+) Effective with larger effectiveness gaps, + effective (with at most isolated effectiveness gaps)

This is how disinfectants work..

Phase 2, stage 1: Quantitative suspension tests taking into account the intended application areas by adding potentially interfering substances such as proteins.

Phase 2, stage 2: Laboratory tests on surfaces simulating practical conditions (hands, test surfaces, instruments).

Phase 3: Field tests in the property (here there are no respective standards). The "EN standards" table, which is available to download, shows the most important standards with the target organisms, significance (phase/step) and application area, which are to be used for the evaluation and selection of a disinfectant.

WHICH LAWS APPLY? Disinfectants are governed in Europe by Regulation no. 528/2012 on biocidal products (Biocides Regulation). This states that only products based on specifically approved active ingredients are now allowed to be used. It is not only the active substances themselves that are subject to an approval, but also the products formulated with them. In both cases, the approval procedures are very complex and costly. They include extensive investigations into the effects on humans and the environment as well as proof of effectiveness on the basis of the EN standards described. Because approval procedures have currently only been completed for a few active ingredients in disinfectant, country-specific transitional provisions apply, which contain different national approval requirements depending on the member state. In Germany, the legal requirements are modest. There are governmental and non-governmental organisations that issue lists of products tested according to their own standards:

- **Association for Applied Hygiene (VAH)** – private organisation that deals with various aspects of hygiene management. The list that it publishes constitutes a nationwide, unofficial standard for such things as the selection of products for routine disinfection in public areas.

- **Robert Koch Institute (RKI)** – national health authority that publishes such things as a list of tested disinfectants and disinfectant methods, the use of which is prescribed in the event of the outbreak of an epidemic. Listing of various effective areas is carried out according to the type of pathogens.

- **Industrial Association for Hygiene and Surface Protection (IHO)** – industry association of producers of cleaning agents and disinfectants, which issues such things as a list of disinfectants against viruses and for application in the food industry tested in accordance with EN standards.

It should be noted that many RKI and VAH methods are also accepted by foreign authorities for registration purposes. The priority criteria when selecting a disinfectant is the available proof of effectiveness for the target organisms and the intended application area, which must as a minimum comply with the requirements of phase 2/step 1. A further criterion for the selection are the active ingredients used, where safe and material-compatible active ingredients, such as quaternary ammonium compounds, are the first choice for routine surface disinfection. Alcohol-based disinfectants work quickly and dry without leaving any residues. Due to their high consumption and the air pollution, they are only suitable for localised use. Products based on active agents that are aggressive or require additional protective measures for workers (such as aldehydes), should only be used for specifically combating special bacteria and not for daily hygiene measures.



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Registration

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BUZIL-WERK Wagner GmbH & Co. KG

Disinfection with Budenat®

When it comes to disinfection, you are also in safe hands with us...

The products from the Buzil disinfection portfolio offer a high degree of reliability due to independently proven effectiveness. From hand disinfection and routine surface disinfection right up to mandatory decontamination measures, the portfolio offers the exact products for every application. Recognised national and international listings and certifications such as VAH, IHO and RKI are positive proof of their efficiency.

More detailed product information on our disinfection portfolio is available online at www.buzil.com, via our telephone customer service or directly via your Buzil specialist wholesaler adviser.

