

# BIO BLOCKS®

## Biological Urinal Blocks

### DESCRIPTION

Biological Urinal Blocks have been specially formulated to reduce odour problems and blockages in urinals. New strains of bacteria have been introduced to the biological and enzymatic cleaning efficacy to remove fats, uric-scale and solids that build up in urinal traps and pipe-work causing odours and blockages. Citrus perfumed and water soluble, Toss Blocks efficiently eradicate the source of this problem, providing substantial savings on both washroom maintenance and water bills as the need for constant flushing and more regular cleaning is reduced.

### TECHNICAL INFORMATION

Biological Urinal Blocks contain a selection of non-pathogenic (harmless) micro-organisms a blend of cleaning and water-softening agents, a special odour-blocking perfume & colour.

### FEATURES AND BENEFITS

- Biodegradable
- Removes the cause of odours
- Suitable for all types of urinals and troughs  
*inc Stainless steel, porcelain and ceramic*
- Prevents blocked traps and pipes
- Can save on water bills
- Contains odour neutralising perfume
- Cleans and Freshens
- Safer to use and not harmful under COSHH



### PACKAGING

code

**BB1** Packed singly in re-sealable 1.1kg Tubs  
Approximately 50 x 22 gram blocks  
256 Tubs per pallet

### STORAGE

When not in use keep closed in the original container. Keep out of reach of children.

### DIRECTIONS

Place one block in each urinal. Space every 50 cm in trough urinals. Replace when the block has dissolved for maximum efficacy.

**IDEAL TO USE WITH *BLU AWAY* WASHROOM CLEANER AND ODOUR NEUTRALISER**

## pDCB and non pDCB (para Dichlorobenzene) Trial Results 2005

These photographs show the difference between using BIO PRODUCTIONS' biological **TOSS Blocks** with cleaning action and pDCB blocks in a washroom, in a trial conducted over a six-month period. The trial site had a history of blockages caused by build-up of scale and solids in the pipes from the urinals. The blockages had caused severe flooding to the rooms below.

*Before switching to Toss Blocks, the contractor charges for unblocking pipes ran into several hundred pounds. The results of the trial showed that TOSS BLOCKS were able to keep the urinals clean and the pipe-work clear of any blockages providing substantial savings to the customer.*

### ABOUT para DICHLOROBENZENE

From October 31<sup>st</sup> 2005 product labelling must show the danger of exposure to pDCB. Any unwanted material will fall into the classification of hazardous waste, and have to be disposed of by a licensed contractor.

This re-classification of para Dichlorobenzene will highlight the carcinogenic risks associated with the material, especially when used in urinal blocks where inhalation in a confined space such as a washroom presents a very real danger.



### What you might not know about comparisons?

pDCB is a crystallised gas and only offers masking smell and some insect repellent properties. pDCB provides no cleaning efficacy at all. Some people are under the impression because pDCB blocks get smaller in the urinal that they dissolve in water. This is not so. pDCB returns to its gaseous state while 'dissolving' into the air when immersed in water it remains static.

Unfortunately and because of this, when pDCB blocks get small enough to drop through urinal grating they lodge in the trap and cause blockages. The various pDCB alternatives are usually made from surfactants so they provide some cleaning efficacy. These blocks are also water soluble, so they totally dissolve and cannot contribute to blocked pipes.



The pipe-work whilst using PDCB BLOCKS



The same pipe-work after 6 months using Biological Toilet Blocks **TOSS BLOCKS®**