

SUPERIOR PERFORMANCE VERSUS
TRADITIONAL FILTER MEDIA



NATURAL FILTER MEDIA FROM NEW ZEALAND

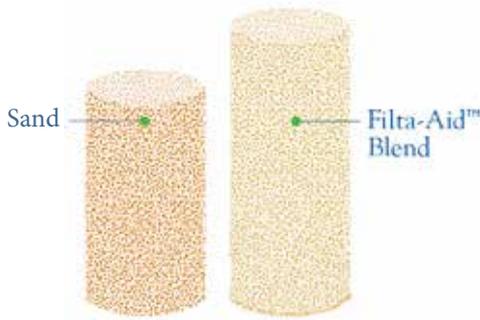
FOR PURE WATER

20KG



Blue Pacific **MINERALS**

TM
Filta-Aid



Save Money

The illustration above shows the volume difference for the same weight of Filter-Aid versus sand. You get approximately 20% more Filta-Aid per kilogram versus sand, therefore requiring significantly less Filta-Aid media to fill your filter system.



Field trials have shown that New Zealand natural zeolites are the most effective way of removing iron and manganese in a gravity fed filter system.



Field tests of Filter-Aid™

Field tests show with a flow rate of 4500lt per hour through 1m³ of Filta-Aid.™

SITE 1.	Total iron (g.m-3)	Total manganese (g.m-3)
Before filter	7.15	0.143
After filter	0.24	0.0094

SITE 2.	Total iron (g.m-3)	Total manganese (g.m-3)
Before filter	7.85	0.143
After filter	0.35	0.0063

SITE 3.	Total iron (g.m-3)	Total manganese (g.m-3)
Before filter	22.3	1.28
After filter	0.75	1.09

What is Filta-Aid™

FILTA-AID™ (ZEOLITE) IS A NATURAL MINERAL THAT HAS A LARGE INTERNAL SURFACE AREA AND HIGH CATION EXCHANGE CAPABILITY (C.E.C) THAT WILL ALLOW MUCH MORE ADSORPTION OF IRON AND MANGANESE THAN SAND AS FILTER MEDIA.

OUR UNIQUE BLEND OF 2 DIFFERENT ZEOLITES GIVE THE MAXIMUM ADSORPTION OF IRON & MANGANESE.

Benefits of Filta-Aid™

- * Effectively reduces iron
- * Effectively reduces manganese
- * Reduced back flushing frequency

Iron and Manganese

Iron and manganese are frequently present in domestic water supplies. In well waters, the insoluble iron oxide is converted to the soluble form of ferrous (dissolved iron). Ferrous iron is colourless in solution, but when it comes in contact with air, it oxidizes readily creating reddish brown, solid particles which are then precipitated as ferric oxide (particles).

High concentrations of iron or manganese will cause staining of laundry and porcelain fixtures, and deposits in pipes, tanks and water heaters. In addition, iron may give the water a metallic taste making it unpleasant to drink. Iron bacteria, while considered harmless to health, can be very objectionable, causing slime and staining.

Water Treatment

The high cation exchange capacity (C.E.C.) of BPM zeolites combined with their selective affinity for specific cations make them uniquely suited to various applications in water treatment. These natural zeolites have been shown to be effective in industrial and municipal waste water systems.



Blue Pacific **MINERALS**

CONTACT

P +64 7 885 0550

F +64 7 886 0024

E info@bpmnz.co.nz

www.bpmnz.co.nz

11-17 Huttloc Drive
Tokoroa 3420
New Zealand

PO Box 67
Tokoroa 3444
New Zealand