

# ECOMIX<sup>®</sup>

MULTI-PURPOSE  
SOFTENING  
MATERIAL  
**for problem water**

**SIMPLE SOLUTION  
FOR 5 PROBLEMS**

- hardness
- iron
- manganese
- tannins
- ammonia



Used by water treatment specialists  
throughout the world. Since 1998.



## What is ECOMIX®?

**ECOMIX® is an advanced multi-purpose softening material for problem water.**

Ecomix® is a turnkey solution for removing hardness, iron, manganese, tannins and ammonia in one filter. Ecomix comprises 5 special components made from natural and synthetic materials. After loading a softener with Ecomix, it separates into five layers ensuring efficient and robust operation.

**Using ECOMIX® is more effective than traditional filtration techniques for your iron problems, because ECOMIX®:**

- ▶ Removes ferrous, ferric, organic and colloidal iron and manganese at the highest concentration levels on the market;
- ▶ Removes color of water caused by presence of tannins;
- ▶ Works at low TDS, low hardness, high H<sub>2</sub>S and pH 5-9;
- ▶ Works with low salt consumption.

**Ecomix® approach has created new perspectives for numerous water treatment companies:**

- ▶ Simple and manageable technology for treatment of high iron problem water that only takes a simple water quality test to provide a solution.
- ▶ Works in normal softeners - no extra inventory is needed for water with iron.
- ▶ Easy assembling, installation and maintenance.
- ▶ Low distribution and deployment costs.

Learn more and download at [www.ecosoft.ws](http://www.ecosoft.ws)

Ecomix is certified for drinking water application in European Union by TÜV SÜD

# MULTI-PURPOSE SOFTENING MATERIAL for problem water



 made  
 in  
 Germany



## ▶ ECOMIX® application and efficiency

| Tank size   | Ecomix bags<br>25 liters<br>(0.9 ft³) | EUROPE   |                       | USA                               |                      |
|-------------|---------------------------------------|--|-----------------------|-----------------------------------|----------------------|
|             |                                       | Capacity:<br>kg CaCO <sub>3</sub> /<br>kg NaCl | Flow<br>rate,<br>m³/h | Capacity:<br>grains /<br>lbs NaCl | Flow<br>rate,<br>gpm |
| Ecomix 1035 | 1                                     | 0,88 @ 2,5                                     | 1,3                   | 13 500 @ 5,5                      | 5,7                  |
| Ecomix 1054 | 1,5                                   | 1,30 @ 3,7                                     | 1,3                   | 20 200 @ 8,3                      | 5,7                  |
| Ecomix 1252 | 2                                     | 1,75 @ 5,0                                     | 1,8                   | 27 000 @ 11,0                     | 7,9                  |
| Ecomix 1354 | 2,5                                   | 2,20 @ 6,2                                     | 2,2                   | 33 700 @ 13,8                     | 9,7                  |
| Ecomix 1465 | 3                                     | 2,65 @ 7,5                                     | 2,5                   | 40 500 @ 16,5                     | 11,0                 |
| Ecomix 1665 | 4                                     | 3,50 @ 10,0                                    | 3,3                   | 53 900 @ 22,0                     | 14,5                 |

## ▶ ECOMIX® application and efficiency

|                            | MAX Concentration<br>limits  |           | Removal efficiency, max % |        |
|----------------------------|------------------------------|-----------|---------------------------|--------|
|                            |                              |           | Type A                    | Type C |
| Hardness *                 | ppm CaCO <sub>3</sub><br>750 | gpg<br>45 | 97                        |        |
| Iron                       | ppm<br>15                    |           | 98                        |        |
| Manganese                  | ppm<br>3                     |           | 98                        |        |
| COD<br>(including tannins) | ppm KMnO <sub>4</sub><br>80  |           | 50                        | 80     |
| Ammonia                    | ppm<br>4                     |           | 90                        |        |

\*limit installed due to sodium effluent

## About ECOSOFT, manufacturer of ECOMIX®

Ecosoft is a professional water purification company with production and sales offices in Germany and Ukraine. Since 1991 the company produces and distributes filtration materials, POU filters, residential, commercial and industrial water treatment systems. Ecosoft products are widely used by water professionals worldwide.



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