

## Biotrickling Applications

### Odour Removal

- Tobacco Industry
- Slaughterhouses
- Waste Water Treatment Plants
- Composting Plants
- Chocolate Production

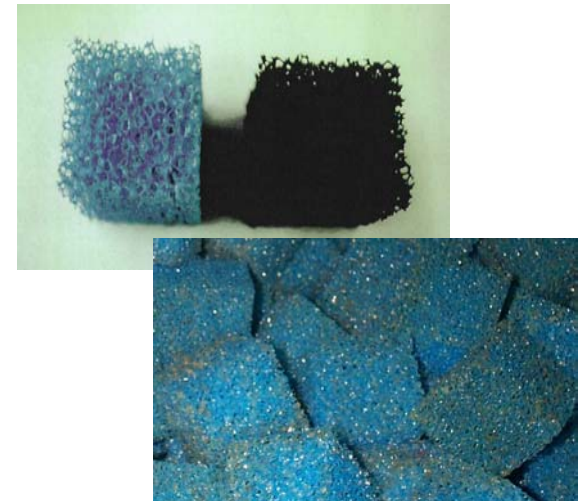
### VOC Removal

- Printing Industry
- Coating Industry
- Chemical Industry
- Semiconductor Industry




## Biotrickling Filter Foam

Polyurethane Foam for Biotrickling Filter Application



## EDT Aktiengesellschaft

SÜDRING 11  
90542 Eckental—Eckenhaid  
Germany

A small version of the EDT logo, consisting of a grid of blue and purple squares.

Telephone: ++49-9126-2979810  
Fax: ++49-9126-2979808

**EDT FILTREN TM 23450**

**EDT FILTREN TR 33450**

**Colours: Blue/Black /Nature**

## Inert Carrier for Biotrickling Filters



EDT FILTREN TR 33450

EDT FILTREN TM 23450

Both types have been developed since 1994 as an inert carrier for settling microorganism in Biotrickling Filter applications for odour and VOC removal. For

traditional polyurethane foams could not guarantee the stability and homogeneous pore size distribution, this special type had to be created. In several applications in Europe and in the last few years also in USA and Asia this inert carrier was installed in different industrial Biotrickling Plants.

This media has important advantages:

- Low consistent pressure drop ► reduced operating costs
- Excellent water storage capacity
- Perfect media for settling microorganism
- Good water and nutrient distribution
- Chemical resistant
- No exchange necessary
- Adaptable to any construction

### Polyurethane Foam



### Characteristic Data:

- **Core Density** 25 - 38 kg/m<sup>3</sup>
- **Compr.—Middle** 5,2 - 9,7 KPA
- **Elongation** 50% - 75 %
- **Tensile Strength** 50% - 75 %
- **Tear Resistance** 2,2 – 4,9 N/cm
- **Visiocell** 2700 - 6800 µ

### Delivery Units:

- 40 mm x 40 mm x 40mm
- 400 mm x 400 mm x 500 mm
- 2000 mm x 1000 mm x 500 mm
- **Individual dimensions on request**



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