

# DRINKING WATER

## Multi-layer filtration with EVERZIT® N

### Ankara, Turkey

The drinking water treatment plant Ivedik of the City of Ankara (ASKI) is now using 4.000 m<sup>3</sup> of EVERZIT® N anthracite filter media from Germany.

The treatment capacity of the plant was increased to 1.690.000 m<sup>3</sup> per day by installing 28 new multi-layer filters and converting the existing 56 sand filters into multi-layer filters with EVERZIT® N.

### Advantages of EVERZIT® N

As upper layer of a multi-layer filter EVERZIT® N does increase the performance and reduce the operating costs of the filter system.

- Higher filtration capacity of solids
- Higher filtration velocity
- Lower pressure loss
- Longer durability of the filter
- Less back wash requirements



### Water treatment plant of Ankara

- Capacity: 70.000 m<sup>3</sup>/h  
1.690.000 m<sup>3</sup>/d
- Number of filters: 84 open multi-layer filters
- Total filter surface: 11.760 m<sup>2</sup>
- Quantity of EVERZIT®N: 4.000 m<sup>3</sup>
- Grain size: 1,4 - 2,5 mm