

The econorm® manhole system goes international another source of income for concrete works

## 10 years of econorm in Germany = 10 years of experience!

In the future, partners from across the world will also be able to profit from the econorm® group's experience. Now that the market in Germany has been opened up, and to some extent in Austria too, the

system is available to new partners in other countries, offering concrete works profitable business with a new product that is tried and tested.

The econorm® manhole system has already been on the market in Germany for over 10 years. Over this period of time the system has become a synonym for safety and quality in manhole construction. The rising technical demands of the market for finished manhole units is being seen in the contracts departments in engineering bureaux and with the decision makers at local authorities. Interest in the subject of manholes has been growing, as a result of cash shortages in the authorities. This has meant that factors such as safety, static stability and longevity have become more and more important. Over 300,000 junctions have already been constructed, showing that econorm® is effective in design and on the building site itself.

DIN standard V 4034-1 - that came into force on 23.11.2004 - together with EN 1917, has shown that the econorm® manhole system has not just fulfilled, but comfortably exceeded these requirements for years.

The integration of the functions of

sealing and load bearing into the concrete unit itself, known as the "Top seal plus" element, is used almost everywhere where groundwater problems or other complications have precluded existing DIN manholes with a loose seal. Rapid, secure mortarless processing on the building site is another plus point for econorm®, as is the system's unusually long life. Both of these factors lead to a reduction in building costs, and substantially reduced maintenance costs in operation.

A new item in the overall system is the height adjustable manhole cover, rounding off the concept nicely. Changes in height of up to 16 cm and gradients of up to 8° can be evened out with a wrench. That saves costs during installation. The unit can be adjusted for any lowering of the roadway that may occur during its life. Now it is just part of the normal maintenance scheme. This opens up additional markets to the econorm® group member. Local authorities profit from reduced reconstruction and mainten-



**A manhole socket in position. Rapid installation without mortar using the connector system**

ance costs, when compared to previous manhole systems.

The members of the group, at present 10 manufacturers with a total of 17 concrete works, enjoy the advantages conferred by being in a powerful association. Within his own territory, each licensee acts independently with regard to sales. The issuing of test reports is centrally controlled and financed. Reports on statics and corrosion protection are produced in a similar way. The econorm® customer interested in this information can download these documents, together with technical drawings, on the group's Internet website, [www.econorm.com](http://www.econorm.com). This makes it possible for engineering bureaux and managers in local authorities to include econorm in their invitations to tender, so as to be able to profit from the advantages of the system later on. Likewise professional advertising, marketing and public relations, are managed centrally, to ensure



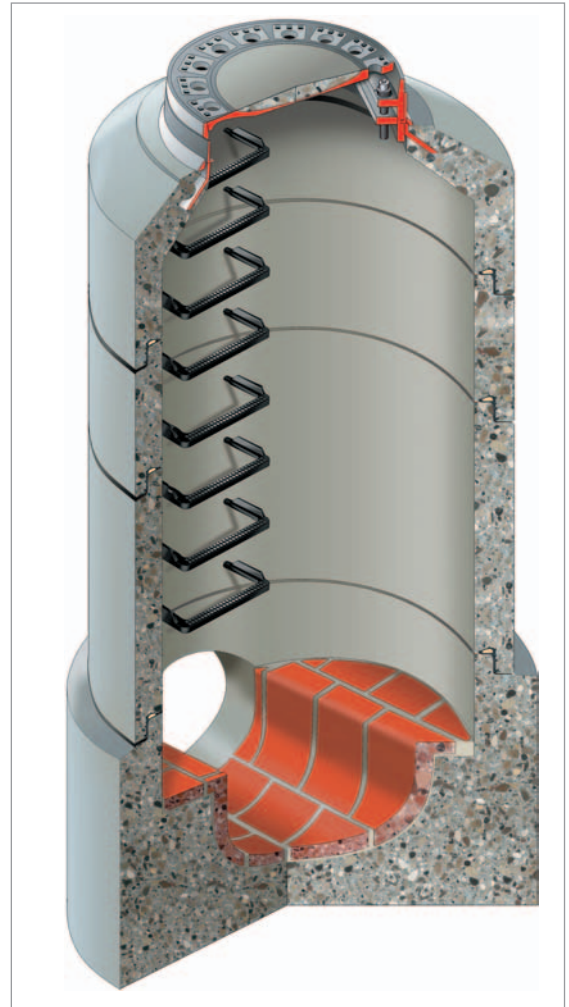
**In the concrete works. econorm® units before despatch to the building site**

a brisk demand. Regular participation at the IFAT trade fair also offers group members the opportunity to introduce themselves to customers outside the econorm® clientele. The econorm® group is taking part in IFAT 2005 from 25 - 29 April. Here, the group is again expecting to make a lot of valuable contacts.

Those interested in becoming members will have the opportunity to get to know econorm® at IFAT 2005, to swap experiences with group members and find out about the the group's joint activities. Introductory information is available on the [www.econorm.com](http://www.econorm.com) homepage, in

**The complete econorm® manhole system with integrated load compensation, offset entrance and height adjustable manhole cover**

both German and English, together with contact details. Italian and French language versions will be available starting at the beginning of 2005.



## Further information:

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