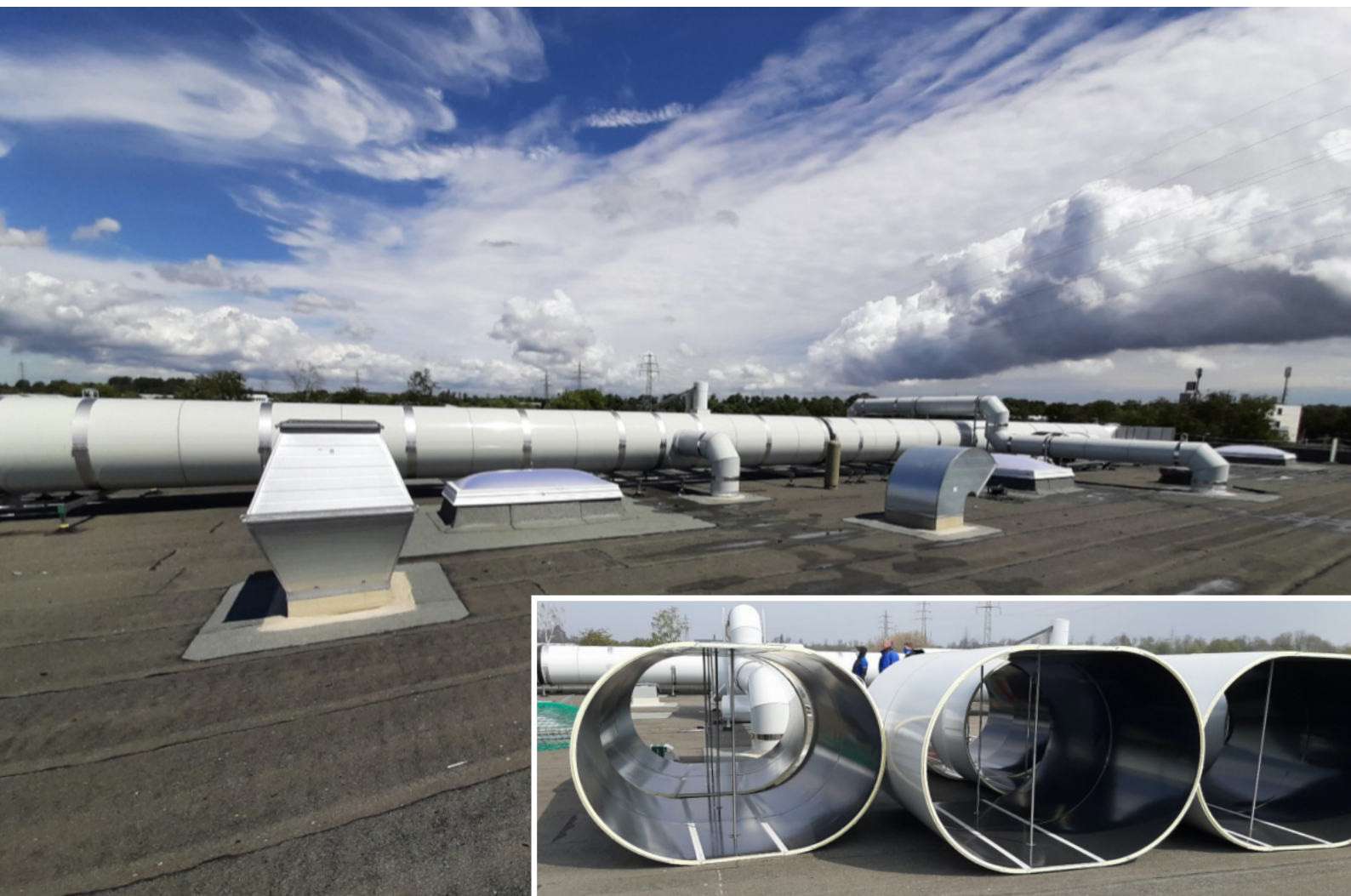
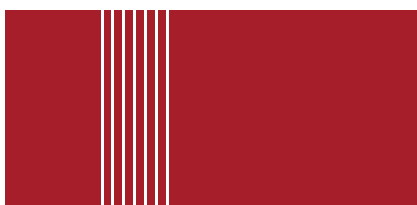


PRACTICE REPORT 59

Application examples for planners of complex construction projects



**A "Phoenix from the ashes":
The new Hafencenter in Mülheim is open!**



**Application area for VENTAFLEX®:
Large-dimension oval air ducts
are used on the roof**

Pre-insulated air ducts accelerate reconstruction after major fire

After a "restart", lightweight VENTAFLEX® air ducts are installed for a whopping 33.500 m³/h of air

Task

The old "REAL" market in the port of Mülheim is to be converted into a modern shopping center for groceries, drugstore goods, services ... a major project with many parties involved. Then the catastrophe: a fire destroys the existing building, planning and timing are obsolete, the project threatens to fail.

Joining forces, work is resumed, and now reliable partners are needed! It is no wonder that VENTAFLEX® was shortlisted for the air duct system and finally won the contract; in addition to all the good arguments in favor of the system, two stand out in this case: the low weight with large dimensions is perfect for a roof installation and the fast delivery of the material allows time to be made up.

All's well that ends well: with a delay of around three months, the store was ceremoniously opened.



Our technicians proudly present their "giant babies": custom-made special components, in this case reductions of various diameters



VENTAFLEX® -solution

Use of round and oval air ducts with diameters of 200-820 mm or 1270-920 mm, T-pieces, reductions and special components.

Connection from the outside to the inside via an oval roof duct.

Advantages due to the VENTAFLEX® system

- +** Up to 70 % lower weight – advantages in transport, handling and installation
- +** Transport of particularly large air volumes – thanks to large cross-sections
- +** Special weather resistance thanks to GRP material
- +** Individual adaptation to conditions thanks to special components
- +** Savings in operating costs – up to 40 % less energy loss, up to 10 % less pressure loss and up to 99 % less leakage loss

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VENTAFLEX®

More efficiency in air conduction