

March 17, 2006 - Press Release

SIMONA AG showcases new system components at Wasser Berlin 2006 trade fair



From April 3 to 7, 2006, all eyes will be on the new generation of products, technologies and services for state-of-the-art waste-water management exhibited at this year's Wasser Berlin 2006 trade fair. SIMONA AG will be showcasing its new PE 80/PE 100 components designed for the installation and rehabilitation of sewage and supply systems.

Within this context, the main focus will be on a pioneering product developed specifically for trenchless laying: the SIMONA® internal saddle for service pipe connection. It represents a fast and cost-effective solution for the repair of domestic service pipes connected to PE main sewers without causing any major inconvenience for local residents. Complex, high-cost repairs performed with the help of open-trench methods and usually associated with considerable traffic congestion are a thing of the past.

The new SIMONA® external saddle for service pipe connection is now available in three different designs featuring a DN 150 socket, elongated spigots, a variant which is also suitable for connection with different materials such as PVC pipes, or articulated electrofusion sockets for perfectly flush-fitting connection with PE pipes. External saddles are the perfect solution for flushfitting and leak-tight connection of service pipes to PE sewer pipes by means of electrofusion welding. They can be deployed for the purposes of pipe laying or rehabilitation using open-trench methods.

Another focal point of this year's trade fair is SIMONA's inspection shaft connectors made of polyethylene; they can be joined by means of electrofusion welding, thus ensuring a permanently tight, high tensile-strength connection between non-pressure piping systems and concrete shafts or masonry.

The fourth highlight is the SIMONA-developed technique of integral electrofusion joining. Using this technique, pipe modules up to three metres in length can be welded together to create a tight joint without the need for external electrofusion sockets that increase the circumference of the pipe when conventional methods are applied the perfect solution for system rehabilitation by means of efficient pipe insertion.

The new system components for waste-water management have already been deployed with great success as part of recent sewer rehabilitation projects, thus proving their superior functionality "in the field".



Together with its SPC protective-jacket pipes and PE 80/PE 100 pipes, co-extruded PE 80 sewer pipes with light-grey interiors as well as PE 80 ovoid pipes, SIMONA has thus created an allembicing product portfolio for the rehabilitation and open or trenchless installation of drinking- and waste-water piping systems.

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