

WILORA® Connecting Rail

Wire loop rail for wall connections

WILORA® Connecting Rail is a wire loop connection system for forming joints between precast wall-to-wall or wall-to-column connections. The design allows for the transfer of tensile load, transverse shear load, vertical shear load, and combinations of these loads.

WILORA® Connecting Rails are manufactured of profiled steel rail with five wire loops inside that are protected by a deck. The rails are installed on the formwork at the full length of the joint, creating the casting channel with no extra work needed. Fixation to formwork is simple with basic tools, and less measuring needed with fixed wire loop positions.

After casting, the formwork is removed, the protective is taken off and the wire loops are bent open. The patented wire remains in opened position, making rebar installation easy.

A pair of WILORA® Connecting Rails together with the installed vertical rebar and the grouting material create a joint that is resistant to shear and tensile forces. The use of thixotropic grout makes WILORA® Connecting Rail system suitable for a wide range of applications.

