

Rollerform SIBI – Formwork for Concrete

Rollerform SIBI structural technology is a new version of slipforming in which rubber-like sleeve-shaped protectors encase the sliding sheathing of slipforms. As the slipform is jacked up, the formwork sheathing slides along the back surface of the sleeve, and the sleeve revolves around the concrete forms. The sleeve separates from the concrete in a rolling motion. Until its separation, the face of the Rollerform sleeve remains in contact with the fresh concrete surface. The moving slipform sheathing never contacts the freshly cast concrete. Sleeve surface textures can be chosen to provide a variety of concrete surface textures.

Most of the assembly is accomplished by a small crew, either at an off-site fabricating facility or at a workshop at the job site. The forms are braced together by yokes into strong and durable composite units ready for repetitive use without disassembly, which leaves only final erection at the wall location. The Rollerform SIBI system is well suited to low rise multiple unit single-family and multifamily residences of uniform plan. Work began on its development in Bulgaria in 1974, and it was completed in the US.

Contact: Peter St. Anguelov P.E.--- Not Current
Organization:
Address: 3873 Cherokee Avenue
City: San Diego
State/Province: CA
Postal Code: 92104
Country: USA
Phone No: 619-284-7561
FAX:
URL:
Email: