Climbing formwork is a special type formwork for vertical concrete structures that rises with the building process. While relatively complicated and costly, it can be used for large projects. It is part of a series of guides for formwork and falsework that includes the discussion of slip and jump forms. While most of the following information in this Guide applies to slip and jump forms, some information is applicable to climbing formwork as well.

Slip-form work begins with the construction of the form on top of the concrete that is to be poured. The form is then lowered to the desired height and the concrete is poured. The form is then raised to the next level and the process is repeated. This method is often used for the construction of tall structures such as skyscrapers.

In Toronto, with a project height of 345 m, slip-form work was used to construct a building in 8 months. Continuously parallel to the slip-form work, the construction of the concrete core of the building was also underway.

Radius is a circular formwork that allows adjustable radii. SRL 170 formwork is a common type of circular formwork. Climbing scaffold CB 240 with TRIO formwork is often used with radius formwork to create large structures.

Formwork height concreting height formwork projection max. The formwork must conform with the characteristics required in the constructor's specifications. In the case of climbing formwork, the formwork must be capable of rising with the building process.

Support for 1 sliding cross beams is required to ensure that the formwork is stable. Concrete, Part 5: Formwork for concrete CED 2: Cement and Concrete, Small board used to connect formwork members or used as a brace. The strongback connector can be attached to the formwork to provide additional stability.

The MAXIMO wall formwork system is a panelised formwork system that is used for the construction of large structures. While most of the following information in this Guide applies to slip and jump forms, some information is applicable to MAXIMO formwork as well.

While slip-form work and MAXIMO formwork are both used for the construction of large structures, they differ in that slip-form work is used for the construction of the concrete core of the building, while MAXIMO formwork is used for the construction of the outer walls.

Recent advances in concrete technology, pump line equipment and formwork design enable the method to be employed in the rapid construction of large structures. Normal pressure concrete pressure against the slip-form panel is required for a successful operation.

Important: the use of formwork equipments is subject to the requirements of the constructor's specifications. Support for 1 sliding cross beams is required to ensure that the formwork is stable. Concrete, Part 5: Formwork for concrete CED 2: Cement and Concrete, Small board used to connect formwork members or used as a brace. The strongback connector can be attached to the formwork to provide additional stability.

In the Minimum Safety Factors of Formwork Accessories table be followed. Bracket through a slip washer to reduce friction. Page 10 on Oregon darn. Herein for personal or internal reference use only tor the flat lee 0151. 20 per copy for each snide. Ing to watch the formwork guys thinking about steel erection.