

Takt time production schedule

- Creation of the best possible production strategy in co-operation with all of the parties.
- Division of the site into suitable sub-sites (functional areas such as apartments and corridors).
- All work stages/work stage packages should be devised as even as possible.
- Resources, work stage contents, and the extent of a takt area constitute the variables.

Balancing of work stages

- Balancing is made possible by adjustment of work stage contents and resources, as well as of the order in which segments are carried out. In the final model, the work stages should be balanced in the best possible way.

To be determined in co-operation with the contractors

- Work stage durations (how long does a single work stage really last without interruptions).
- Sequence of work stages (large work stage entities are divided into smaller parts and their interdependencies are determined. For example, electrical installation work is divided into cable rack installations, cable routing, fixtures, and control panel connections).
- Takt areas (functional entities, such as HVAC affected areas or individual apartments).
- Takt time (a predetermined time based on which work stages are carried out -> e.g., 1 week or 1 work-day).



In takt time production, following of daily and weekly routines is important.

- Production monitoring is continuous.
- Daily collection of actual value data.
- Monitoring of the achievement of weekly objectives.
- Continuous improvement.

Image: An example of takt area division in case of an office building.

C-LOHKO SISÄVALMISTUSVAIHEEN AIKATAULU 6.3.2019 (OSA 1/2)																												
KERROS	Alue	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28								
3	AVOTOIMISTO			VÄLISEINÄT JA OTSAT	TASOITUS JA MAALAUUS	HOLVIVERHOUS-LEVYT	HOLVIVERHOUS-LEVYT	VÄLÄKORISTUSTEN SPR-HAARAT	LV-RUNGOT VENTTIILIT PANEKOJE	LV-RUNGOT VENTTIILIT PANEKOJE	ERISTYS LV-RUNGOT		IV-HAARAT PALO/ÄÄNI	MAALAUUS OTSAT TEKNIikka	HOLVIVERHOUS-ARUSTOJUVUT	VÄLÄKORISTUSTEN TUKESKOT VALKOSIEMET	VÄLÄKORISTUSTEN TUKESKOT VALKOSIEMET											
3	KOPPIALUE		VÄLISEINÄT JA OTSAT	VÄLISEINÄT JA OTSAT	TASOITUS JA MAALAUUS	TASOITUS JA MAALAUUS		LV-HAARAT		SPR-HAARAT	IV-HAARAT	PALO/ÄÄNI KITTAUKSET			KAPELOINTI	KAPELOINTI												
3	KÄYTÄVÄT	VÄLISEINÄT JA OTSAT	VÄLISEINÄT JA OTSAT	REIKIEN MERKKIÄUS	TASOITUS JA MAALAUUS	VÄLÄKORISTUSTEN TUKESKOT KÄMPPELLELYN RIPUSTUKSET	LV-RUNGOT VENTTIILIT PANEKOJE	LV-RUNGOT VENTTIILIT PANEKOJE	MAALAUUS OTSAT TEKNIikka	ERISTYS LV-RUNGOT	ERISTYS LV-RUNGOT	IV-KANAVAT PANEKOJE	ERISTYS IV-RUNGOT	MAALAUUS OTSAT TEKNIikka	VÄÄKORISTUSTEN KAPELOINTI	VÄÄKORISTUSTEN KAPELOINTI												

