

Tubbox® Column former

Technical application notes

Transport

Always support the Tubbox® Column former over its whole length to avoid pressure points.

Do not insert lift truck forks into the column former.

Protect Tubbox® Column formers from abrasive stresses.

Always fasten down Tubbox® Column formers during transport.

Store Tubbox® Column formers version "blow-hole free" with the liner overlap down.

Store Tubbox® Column formers version "smooth" with the membrane joint of the liner down.



Storage

Store Tubbox® Column formers vertically.

Protect Tubbox® Column formers from direct sunlight, heat, rain and moisture - keep away from puddles.

Protect Tubbox® Column formers from ground moisture and condensation - ensure adequate ventilation of the covering.

Protect accidentally damaged surfaces from moisture by applying appropriate adhesive tape.

Installation

Before concreting, remove all transport locks and inner stiffening of the column former.

Position the Tubbox® Column former with the arrow pointing upwards.

Protect edges cut on-site from moisture by using suitable adhesive tape.

Tubbox® Column formers must not be placed in puddles.

Place the foundation end on-axis and fix with kicker spacers or timber shoring installed on site.

The orienting triangles of Tubbox® Column formers for right-angle or rectangle supports determine position only roughly.

At the ceiling perpendicularly adjust with Tubbox® support device and on-site tension- and compression-resistant props and secure against lifting.

For props made on-site, use large-surface prop heads to avoid pressure points.

Spacers must not damage or press against the Tubbox® Column formers.

Please check the centre line, vertical stand and concrete height before and after concreting.

If a crane is used, the customer must provide additional safety devices at the end of the formwork pipe.

Caution: Do not force column former over reinforcement which may be too large, or over spacers. Any protruding spacers or reinforcement bars will damage the formwork.

A rectangular or square column not installed in axial direction must not be reverse twisted against the resistance of the reinforcement or other resistance, to avoid twisting or damaging the shape-giving inner part. If force is used, the formwork will be twisted relative to the axes.

Concreting (recommendation)

Avoid free-fall height of concrete more than 1.0 m to prevent segregation of the concrete.

Use concrete pump or pump hose to pour in stages of approx. 50 cm and then compact.

For compacting use only immersion vibrators.

The pump hose or vibrator must not touch the inside surface of the former.

After completion of the work, vibrate again and check plumb and dimensions.

Stripping

After two days at the latest, pull the ripcord and loosen the inside formwork skin from the concrete surface.

The external casing tube can be set around the column again as protection.

For later stripping there is no guarantee regarding possible adhering formwork or possible changes to the concrete surface.

For all stripping work, comply with the prescribed after-treatment times.

Disposal

Column formers consist of cardboard and a very small proportion of plastic. Thermal use or disposal with old cardboard is therefore entirely possible with clean column formers.

Note: This column former was made, tested and prepared for dispatch in a fault-free state in a process guided by DIN EN 9001. Transport damage or other faults must be indicated on the delivery documents at goods reception. Our guarantee extends only to faults noted on the delivery documents immediately on arrival.

Caution: There is no guarantee claim if these instructions are not followed.

These installation instructions are applicable only as a recommendation. They do not replace the specialist knowledge required for the installation process. The instructions are always kept at the latest state of the art and are continually updated. Technical amendments are therefore expressly reserved - including without prior information to the customer. The currently valid version can be found on our website at www.maxfrank.com. Our general terms of sale are also applicable.

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