

Processing instructions

BAG round tube 150 mm – 1200 mm

Description:

- Smooth closed concrete surface when used properly with regard to consistency and installation of the concrete employed.
- Effort-saving and residue-free removal of the concrete column shuttering.
- With standard lengths, a fair-faced concrete quality of SB4 is achieved. Trial concreting is necessary.
- The use of a crane is not necessary with standard lengths.

Material structure 150 – 600 mm from the inside outwards:

- Inlay made of PVC hard film.
- The inlay is enclosed by a cardboard tube.

Material structure 650 – 1200 mm from the inside outwards:

- Inlay made of polystyrene (HIPS).
- The polystyrene is wound with several turns of glass fibre reinforced adhesive tape.

Storage:

BAG shuttering tubes may be stored horizontally or vertically. Ensure complete, even support when storing horizontally. Direct effects of moisture are to be avoided during storage. Protect BAG shuttering tubes from direct solar radiation. Heat accumulation in the shuttering tubes leads to film expansion, distortion and formation of bulges.

Shuttering:

Check reinforcement diameter, including spacers. Reinforcement and spacers must fit the form diameter so the form can be placed over the reinforcement without force. Set BAG shuttering tubes over the reinforcement and on the foundation in the direction of the arrow. Remove the lower transport securing device from round formworks over 650 mm in dia. Lift it over the reinforcement and release. Then remove the upper transport securing device. Secure the foundation against lateral shifting. It is recommended to use our SRG lashing strap system and push-pull props provided by the customer to align the shuttering and prevent it from lifting. Install the anchoring system in the upper third of the shuttering. Additional anchoring is required in the centre section of the shuttering tube with lengths of over 7.00 m.

To avoid damage to the film insert, we recommend our proven attachment straps as crane slings for shuttering tube lengths over 4.00 m.

Opening the shuttering:

Comply with site specified formwork removal times. Open BAG shuttering tubes up to 600 mm dia. with the help of inlaid stripping wire. Use a utility knife in the joint reinforcement area for diameters over 650 mm. The shuttering tube shells and film should remain in place on the concrete columns as protection during the construction phase. For aesthetic reasons, we recommend that you don't remove and re-erect the shuttering around the column.

Concreting rates:

Ø150-350	6 m/h	Ø350-400	5,5 m/h	Ø400-450	5 m/h	Ø450-500	4 m/h
Ø500-700	3 m/h	Ø700-800	2,5 m/h	Ø800-1200	2 m/h		

The use of BAG products must be tested separately by the user in each installation situation.

Notes:

Formworks leave our factory in perfect condition. Every defect must be noted on the delivery ticket and confirmed in writing by the driver from the specific haulier. This evidence must be transmitted to us immediately. In the event of damage to concreted columns, the columns that are the cause of complaint must be stored completely for a possible assessment until the processing of the complaint is completed. All damage claims arising from subsequent complaints or due to improper handling or treatment will be rejected. The standard lengths of our square columns are 3.00 m and 4.00 m, rectangular columns 3.00 m. All other lengths can be spliced! In the case of splicing, a circumferential concrete scar will be visible!

All instructions and tolerances according to DIN 18202 can also be downloaded from www.bagbauartikel.info

Sprendlingen; October 2023