

## Processing instructions

### BAG square, rectangular, polygonal and oval shuttering

#### **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 from the inside outwards:**

- Inlay made of wooden hardboard with single-sided film coating. PVC hard film is used with oval shuttering tubes.
- The inlay is enclosed by an EPS structure.
- Exterior layer consisting of multiple turns of special 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. The shuttering is aligned simply and quickly using the dots marked on the chamfered edges.

It is recommended to use our SRG lashing strap system and on-site push-pull props to prevent the shuttering 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:

The shuttering is opened with the aid of a utility knife after the concrete has hardened. The glass fibre reinforced adhesive tape is cut through from top to bottom and the foam polystyrene and adhesive tape is separated from the concreted column. At the head of the column, the inlay must also be separated from the enclosing foam polystyrene with a utility knife.

After that, the inlay is to be cut through from top to bottom in one corner of the column shuttering using the utility knife and removed from the concrete column.

### Concreting rates:

200 x 200	6.0 m/h	200 x 400	3.0 m/h	250 x 450	3.0 m/h	400 x 450	3.0 m/h
240 x 240	6.0 m/h	200 x 450	3.0 m/h	250 x 500	3.0 m/h	400 x 500	3.0 m/h
250 x 250	5.0 m/h	200 x 500	3.0 m/h	250 x 550	3.0 m/h	400 x 550	2.0 m/h
300 x 300	4.5 m/h	200 x 550	3.0 m/h	250 x 600	3.0 m/h	400 x 600	2.0 m/h
350 x 350	4.0 m/h	200 x 600	3.0 m/h				
400 x 400	3.5 m/h			300 x 350	4.0 m/h	450 x 500	3.0 m/h
450 x 450	3.0 m/h	240 x 300	5.0 m/h	300 x 400	3.0 m/h	450 x 550	2.0 m/h
500 x 500	3.0 m/h	240 x 350	4.0 m/h	300 x 450	3.0 m/h	450 x 600	2.0 m/h
550 x 550	2.0 m/h	240 x 400	4.0 m/h	300 x 500	3.0 m/h		
600 x 600	2.0 m/h	240 x 450	3.0 m/h	300 x 550	3.0 m/h	500 x 550	2.0 m/h
650 x 650	2.0 m/h	240 x 500	3.0 m/h	300 x 600	3.0 m/h	500 x 600	2.0 m/h
		240 x 550	3.0 m/h				
175 x 240	6.0 m/h	240 x 600	3.0 m/h	350 x 400	3.0 m/h	550 x 600	2.0 m/h
200 x 240	6.0 m/h			350 x 450	3.0 m/h		
200 x 250	6.0 m/h	250 x 300	5.0 m/h	350 x 500	3.0 m/h		
200 x 300	5.0 m/h	250 x 350	4.0 m/h	350 x 550	2.0 m/h		
200 x 350	5.0 m/h	250 x 400	3.0 m/h	350 x 600	2.0 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](http://www.bagbauartikel.info)**

Sprendlingen; October 2023

A large, light blue, semi-transparent watermark of the BAG logo is centered on the page. The letters 'BAG' are in a bold, sans-serif font, with a registered trademark symbol (®) to the upper right of the 'G'. The watermark is positioned behind the main text of the document.